

Monthly Report on Short-term Transactions of Electricity in India

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Abbreviations

Abbreviation	Expanded Version
ABSP_ANTP	Acme Bhiwadi Solar Power Private Limited, Anantpur
ACBIL	ACB (India) Limited
ACP	Area Clearing Price
ACV	Area Clearing Volume
ACME_SLR	ACME Solar Power Project
ACME_RUMS	Acme Rewa Ultra Mega Solar Project
ADANI GREEN	Adani Green Energy Limited
ADY1_PVGD	Adyah Solar Energy Pvt Ltd., Block 1 Pavagada Solar Park
ADY2_PVGD	Adyah Solar Energy Pvt Ltd., Block 2 Pavagada Solar Park
ADY3_PVGD	Adyah Solar Energy Pvt Ltd., Block 3 Pavagada Solar Park
ADY6_PVGD	Adyah Solar Energy Pvt Ltd., Block 6 Pavagada Solar Park
ADY10_PVGD	Adyah Solar Energy Pvt Ltd., Block 10 Pavagada Solar Park
ADY13_PVGD	Adyah Solar Energy Pvt Ltd., Block 13 Pavagada Solar Park
AGEMPL BHUJ	Adani Green Energy (MP) Ltd., Bhuj
AHSP_ANTP	Acme Hisar Solar Power Private Limited, Anantpur
AKS_PVGD	ACME Kurukshetra Solar Energy Pvt. Ltd
AKSP_ANTP	Acme Karnal Solar Power Private Limited, Anantpur
ALFANAR_BHUJ	Alfanar Group Wind Project, Bhuj, Gujarat
AMPS Hazira	Arcelor Mittal Nippon Steel, Hazira
APTEL	Appellate Tribunal for Electricity
ARERJL_SLR	Adani Renewable Energy Park Rajasthan Ltd.
ARINSUM_RUMS	SolenergiRewa UltraMega Solar Project
ARS_PVGD	ACME REWARI Solar Power Pvt Ltd.
ASEJTL_SLR	Adani Solar Energy Jodhpur Two Ltd.
AVAADA1_PVGD	Avaada Solar Energy Private Ltd., Pavagada Project 1
AVAADA2_PVGD	Avaada Solar Energy Private Ltd., Pavagada Project 2
AYANA_NPKUNTA	Ayana Power, NP Kunta
AZURE_ANTP	Azure Power, Anantpur
AZURE_PVGD	Azure Power, Pavagada
AZURE_SLR	Azure Power Solar Power Project
AZURE34_SLR	Azure Power 34 Pvt. Ltd. Solar Power Project
AZURE43_SLR	Azure Power Forty Three Private Limited
BALCO	Bharat Aluminum Company Limited
BARC	Bhabha Atomic Research Centre
BBMB	Bhakra Beas Management Board
BETAM_TCN	Betam Wind Energy Private Limited, Tuticorin
BHADRAVATHI HVDC	Bhadravathi High Voltage Direct Current Link
BRBCL	Bhartiya Rail Bijlee Company Limited
CEA	Central Electricity Authority
CERC	Central Electricity Regulatory Commission
CGPL	Coastal Gujarat Power Limited
CHUKHA HEP	Chhukha Hydroelectric Project, Bhutan
CHUZACHEN HEP	Chuzachen Hydro Electric Power Project
CLEAN_SLR	Clean Solar Power Pvt. Ltd
COASTGEN	Coastal Energen Private Limited
DAGACHU	Dagachhu Hydro Power Corporation
DAM	Day Ahead Market

DB POWER	Diligent Power Pvt. Ltd.
DCPP	Donga Mahua Captive Power Plant
DGEN MEGA POWER	DGEN Mega Power Project
DHARIWAL POWER	Dhariwal Power Station
DIKCHU HEP	Dikchu Hydro-electric Project, Sikkim
DOYANG HEP	DoyangHydro Electric Project
DSM	Deviation Settlement Mechanism
DVC	Damodar Valley Corporation
EMCO	EMCO Energy Limited
ESSAR POWER	Essar Power Limited
ESSAR STEEL	Essar Steel Ltd
FORTUM1_PVGD	FortumFinnsurya Energy Private Ltd, Pavagada Project 1
FORTUM2_PVGD	FortumFinnsurya Energy Private Ltd, Pavagada Project 2
FRV_ANTP	Fotowatio Renewable Ventures, Anantapur
FRV_NPK	Fotowatio Renewable Ventures,NP Kunta
GIWEL_BHUI	Green infra wind energy Limited, Bhuj
GIWEL_TCN	Green Infra Wind Energy Limited,Tuticorin
GMR CHHATTISGARH	GMR Chhattisgarh Energy Limited
GMR KAMALANGA	GMR Kamalanga Energy Ltd.
G-TAM	Green Term Ahead Market
HVDC ALPD	AlipurduarHigh Voltage Direct Current Link
HVDC CHAMPA	Champa-Kurukshetra High Voltage Direct Current Link
HVDC PUS	PasauliHigh Voltage Direct Current Link
HVDC RAIGARH	Raigarh-PugalurHigh Voltage Direct Current Link
IEX	Indian Energy Exchange Limited
IGSTPS	Indira Gandhi Super Thermal Power Station Jhajjar
IL&FS	Infrastructure Leasing & Financial Services Limited
INOX_BHUI	INOX Wind Limited, Bhuj, Gujarat
J&K	Jammu & Kashmir
JAYPEE NIGRIE	JaypeeNigrie Super Thermal Power Project
JHABUA POWER MP	Jhabua Thermal Power Project
JINDAL POWER	Jindal Power Limited
JINDAL STAGE-II	Jindal Power Ltd Stage II
JITPL	Jindal India Thermal Power Ltd.
JORETHANG	Jorethang Loop Hydroelectric Power Project
KAPP 3&4	Kakrapar Atomic Power Station Unit 3 & 4
KARCHAM WANGTOO	KarchamWangtoo H.E. Project
KORBA WEST POWER	Korba West Power Company Limited
KOTESHWAR	Koteshwar Hydro Power project
KREDL_PVGD	Karnataka Renewable Energy Developement Ltd,Pavagada
KSK MAHANADI	KSK Mahanadi Power Ltd
KSMPL_SLR	Kilaj Solar (Maharashtra) Private Limited
KURICHU HEP	Kurichhu Hydro-electric Power Station, Bhutan
LANKO_AMK	LancoAmarkantak Power Private Limited
LANKO BUDHIL	LancoBudhil Hydro Power Private Limited
LANKOKONDAPALLY	LancoKondapally Power Private Limited
LOKTAK	Loktak Power Project
MAHINDRA_RUMS	Mahindra Rewa Ultra Mega Solar Project
MAHOBASLR	Mahoba Solar Power Project
MALANA	Malana Hydroelectric Plant

MANGDECHU HEP	Mangdechhu Hydroelectric Project, Mangdechhu River, Bhutan
Maruti Coal	Maruti Clean Coal and Power Limited
MB POWER	MB Power Ltd
MEENAKSHI	Meenakshi Energy Private Limited
MP	Madhya Pradesh
MRPL	Mahindra Renewables Private Limited
MTPS II	Muzaffarpur Thermal Power Station – Stage II
MYTRAH_TCN	Mytrah Energy (India) Private Limited,Tuticorin
MU	Million Units
NAPP	Narora Atomic Power Plant
NEEPCO	North Eastern Electric Power Corporation Limited
NEP	Nepal
NFL	National Fertilisers Limited
NHPC STATIONS	National Hydro Electric Power Corporation Ltd. Stations
NJPC	NathpaJhakri Hydroelectric Power Station
NLC	Neyveli Lignite Corporation Limited
NLDC	National Load Dispatch Centre
NPGC	Nabinagar Power Generating Company (Pvt.) Limited
NSPCL	NTPC - SAIL Power Company Private Limited
NTECL Vallur	NTPC Tamil Nadu Energy Company Limited Vallur
NTPC_ANTP	NTPC Anantapur
NTPC STATIONS	National Thermal Power Corporation Ltd. Stations
NTPL	NLC Tamil Nadu Power Limited
NVVN	NTPC Vidyut Vyapar Nigam Limited
ONGC Platana	ONGC Tripura Power Company
OPGC	Odisha Power Generation Corporation
ORANGE_TCN	Orange Renewable Power Pvt. Ltd,Tuticorin
OSTRO	Ostro Energy Private Limited
OTC	Over The Counter
PARAM_PVGD	Parampujya Solar Energy Private Ltd
PARE HEP	Pare hydroelectric project, Arunachal Pradesh
PX	Power Exchange
PXIL	Power Exchange India Limited
RAIL	Indian Railways
RAMPUR HEP	Rampur Hydro Electric Power Project
RANGIT HEP	RangitHydroelectric power project
RANGANADI HEP	Ranganadi Hydro Electric Power Project, Arunachal Pradesh
RAP-B	Rajasthan Atomic Power Plant-B
RAP-C	Rajasthan Atomic Power Plant-C
REC	Renewable Energy Certificate
REGL	Raigarh Energy Generation Limited
RENEW_BHACHAU	ReNew Power Limited, Bhachau
RENEW_BHUJ	ReNew Power Limited, Bhuj
RENEW_PVGD	ReNew Wind Energy (TN2) Private Limited
RENEW_SLR	Renew Solar
RENEW_SLR_BKN	Renew Solar Bikaner
RGPPL_IR	Ratnagiri Gas and Power Private Ltd., supply to Indian Railways
RGPPL_OTHER	Ratnagiri Gas and Power Private Limited
RLDC	Regional Load Dispatch Centre
RPREL	Raipur Energen Limited

RTC	Round The Clock
RTM	Real Time Market
Sasan UMPP	Sasan Ultra Mega Power Project
SB_SLR	Soft Bank Solar
SBG CLEANTECH_SLR	SBG Cleantech Ltd
SBG_NPK	SB Energy Solar Private Limited,NP Kunta
SBG_PVGD	SB Energy Solar Private Limited,Pavagada
SEMBCORP	SembcorpGayatri Power Ltd
SHREE CEMENT	Shree Cement Limited
SIMHAPURI	Simhapuri Energy Private Limited
SKS Power	SKS Power Generation Chhattisgarh Limited
SINGOLI BHATWARI HEP	Singoli-Bhatwari Hydroelectric Project, Uttarakhand
SPECTRUM	Spectrum Power Generation Ltd
SPRNG_NPKUNTA	Sprng Energy, NP Kunta
SPRING_PUGALUR	Spring Solar Power Private Limited, Pugalur
TALA HEP	Tala Hydroelectric Project, Bhutan
TASHIDENG HEP	Tashiding Hydro Electric Project, Sikkim
TATA_ANTP	TATA Power Anantapur
TATA_PVGD	Tata Power Renewable Energy Ltd
TATA_SLR	Tata Solar
TEESTA STG3	Teesta Stage 3 Hydro Power Project
TEHRI	Tehri Hydro Electric Power Project
TAM	Term Ahead Market
THERMAL POWERTECH	Thermal Powertech Corporation India Limited
URI-II	Uri-II Hydropower Project
VINDHYACHAL HVDC	Vindhyachal High Voltage Direct Current Link
YARROW_PVGD	Yarrow Infra Structure Private Ltd

1. Introduction

1.1. A well-functioning electricity market requires an effective market monitoring process. The monthly report on short-term transactions of electricity, published by CERC since 2008 as part of its market monitoring process, provides a snapshot of key aspects of short-term transactions of electricity in India. Here, “short-term transactions of electricity” refers to the contracts of less than one year period, for electricity transacted (inter-State) through inter-State Trading Licensees and directly by the Distribution Licensees, Power Exchanges (Indian Energy Exchange Ltd (IEX) and Power Exchange India Ltd (PXIL), and Deviation Settlement Mechanism (DSM). The main objectives of the report are: (i) to analyze the volume and price of the short-term transactions of electricity; (ii) to assess the competition among the market players; (iii) to analyse the effect of congestion on volume of electricity transacted through power exchanges; (iv) to provide information on volume and price of Renewable Energy Certificates (RECs) transacted through power exchanges; and (v) to disseminate all other relevant market information. The analysis of short-term transactions of electricity during the month of **June2021** is presented in the following sections.

2. Volume of Short-term Transactions of Electricity

2.1. During June2021, total electricity generation excluding generation from renewable and captive power plants in India was 106405.21MU (Table-1). Of the total electricity generation, 14.51% was transacted through short-term, comprising of 6.75% through bilateral (through traders and term-ahead contracts on power exchanges and directly between distribution companies), followed by 5.70% through Day Ahead Market (DAM) and Real Time Market (RTM) of power exchanges and 2.07% through DSM (Table-1 & Figure-1).

2.2. Of the total short-term transactions (15440.82MU), bilateral constitutes 46.50% (36.73% through traders and term-ahead contracts on power exchanges and 9.76% directly between distribution companies), followed by 39.26% through DAM and RTM of power exchanges and 14.25% through DSM (Table-1 & Figure-2). Daily volume of short-term transactions is shown in Table-22 & Figure-4.

2.3. Of the total volume of electricity transacted through power exchanges, 58.15% of the volume was transacted in DAM, followed by 23.14% in RTM and 18.71% in Term Ahead Market (TAM) (including G-TAM) (Figure-3).

2.4. The share of electricity traded by each trading licensee is given in Table-2 & Figure-5. The volume of electricity transacted by the trading licensees includes bilateral transactions and the transactions undertaken through power exchanges. There were 35 trading licensees as on June 2021. Of which, 24 trading licensees were engaged in short-term trading. The top 5 trading licensees, namely PTC India Ltd., Tata Power Trading Company (P) Ltd., Manikaran Power Ltd., NTPC Vidyut Vyapar Nigam Ltd. and Adani Enterprises Ltd. had a share of 86.06% in the total volume of electricity traded by all the licensees.

2.5. Herfindahl-Hirschman Index (HHI), a commonly accepted measure to calculate market concentration, has been used for measuring the competition among the trading licensees. Increase in the HHI generally indicates decrease in competition and increase of market concentration, and vice versa. The HHI below 0.15 indicates non-concentration, HHI between 0.15 and 0.25 indicates moderate concentration and HHI above 0.25 indicates high concentration. The HHI has been computed based on the volume of electricity traded (inter-State & intra-State) by inter-State trading licensees, and it was 0.2795 for the month of June 2021, which indicates high concentration of market power (Table-2).

2.6. The volume of electricity transacted in the DAM of IEX and PXIL was 4314.17MU and 21.91MU respectively. The volume of total buy bids and sell bids was 5306.25MU and 8578.79MU respectively in IEX, while the same was 60.71MU and 317.08MU respectively in PXIL.

2.7. The volume of electricity transacted in the RTM of IEX was 1725.70MU, while no electricity was transacted in the RTM of PXIL. The volume of total buy bids and sell bids was 2208.23MU and 3625.24MU respectively in IEX, while there were no bids in PXIL. The variation in the volume of buy bids and sell bids placed through power exchanges shows variation in the demand and supply position.

2.8. The volume of electricity transacted in the TAM of IEX and PXIL was 640.91MU and 312.64MU respectively (Table-7 & Table-8). The volume of electricity transacted in the

Green Term Ahead Market (G-TAM) of IEX and PXIL was 413.80MU and 27.50MU respectively (Table-9& Table-10).

3. Price of Short-term Transactions of Electricity

3.1. **Price of electricity transacted through Traders:** The minimum, maximum and weighted average sale prices for the electricity transacted through traders were ₹2.30/kWh, ₹5.59/kWh and ₹3.28/kWh respectively (Table-3). The weighted average sale prices were also computed for the electricity transacted during Round the Clock (RTC), Peak and Off-peak periods separately, and the sale prices were ₹3.17/kWh, ₹4.99/kWh and ₹3.92/kWh respectively (Table-4).

3.2. **Price of electricity transacted through Power Exchanges:** The minimum, maximum and weighted average prices for the electricity transacted in the DAM of IEX were ₹0.60/kWh, ₹9.67/kWh and ₹3.17/kWh respectively. These prices in the DAM of PXIL were ₹2.00/kWh, ₹6.99/kWh and ₹3.39/kWh respectively (Table-5). The minimum, maximum and weighted average prices for the electricity transacted in the RTM of IEX were ₹0.49/kWh, ₹13.00/kWh and ₹3.15/kWh respectively (Table-6). The weighted average price of electricity transacted in the TAM of IEX and PXIL was ₹3.25/kWh and ₹3.43/kWh respectively (Table-7 and Table-8). The price of electricity transacted in the G-TAM of IEX and PXIL was ₹3.73/kWh and ₹3.47/kWh respectively (Table-9 and Table-10).

3.3. **Price of electricity transacted through DSM:** The minimum, maximum and average price of DSM was ₹0.00/kWh, ₹8.00/kWh and ₹2.88/kWh respectively (Table-11).

3.4. The prices of electricity transacted through trading licensees, power exchanges and DSM and their comparison are shown in Table-23& 24 and Figure-6&7.

4. Trading Margin

4.1. As per the CERC (Procedure, Terms and Conditions for grant of trading licence and other related matters) Regulations 2020, the trading licensees are allowed to charge trading margin of not less than 0 paise/kWh and up to 7 paise/kWh. The weighted average trading margin charged by the trading licensees for bilateral transactions during the month was ₹0.020/kWh.

5. Volume of Short-term Transactions of Electricity (Regional Entity¹-Wise)

5.1. Of the total bilateral transactions, top5 regional entities sold 36.95% of the volume. These were Raipur Energen Limited, Madhya Pradesh, Himachal Pradesh, Jindal India Thermal Power Ltd. and Jaypee Nigrie Super Thermal Power Project. Top5 regional entities, purchased 70.68% of the volume, and these were Punjab, Delhi, Haryana, Gujarat and Uttar Pradesh (Table-12 & 13).

5.2. Of the total DAM transactions of power exchanges, top5 regional entities sold 41.25% of the volume, and these were Teesta Stage 3 Hydro Power Project, Himachal Pradesh, Uttar Pradesh, Sembcorp Gayatri Power Ltd. and West Bengal. Top 5 regional entities purchased 67.51% of the volume, and these were Gujarat, Maharashtra, Andhra Pradesh, Punjab and Haryana (Table-14 & 15).

5.3. Of the total RTM transactions of power exchanges, top 5 regional entities sold 42.93% of the volume, and these were Jammu & Kashmir, Neyveli Lignite Corporation Limited, West Bengal, Madhya Pradesh and Uttar Pradesh. Top 5 regional entities purchased 60.06% of the volume, and these were Telangana, Andhra Pradesh, Rajasthan, Tamil Nadu and Uttar Pradesh (Table-16 & 17).

5.4. Of the total DSM transactions, top 5 regional entities under drew 23.47% of the volume, and these were Uttar Pradesh, NHPC Stations, Punjab, Chhukha Hydroelectric Project- Bhutan and Gujarat (Table-18). Top 5 regional entities overdrew 4.72% of the volume, and these were Tala Hydroelectric Project Bhutan, Rajasthan, Kerala, NTPC Stations (Western Region) and Pondicherry (Table-19).

5.5. The total volume of net short-term transactions of electricity (Regional entity-wise) i.e., volume of net transactions through bilateral, power exchanges and DSM is shown in Table-20 & 25. Top 5 electricity selling regional entities were Himachal Pradesh, Raipur Energen Limited, Madhya Pradesh, Teesta Stage 3 Hydro Power Project and Sembcorp

¹ In case of a State, the entities which are “selling” also include generators connected to State Grid and the entities which are “buying” also include open access consumers.

Gayatri Power Ltd. Top 5 electricity purchasing regional entities were Punjab, Gujarat, Haryana, Delhi and Andhra Pradesh.

6. Congestion² on Inter-State Transmission Corridor for Day-Ahead Market and Real Time Market on Power Exchanges

6.1. Power exchanges use a price discovery mechanism in which the aggregate demand and supply are matched to arrive at an unconstrained market price and volume. This step assumes that there is no congestion in the inter-State transmission system between different regions. However, in reality, the system operator (NLDC) in coordination with RLDCs limits the flow (due to congestion) in the inter-State transmission system. In such a situation, power exchanges adopt a mechanism called “Market Splitting”³.

6.2. The volume of electricity that could not be cleared due to congestion & other reasons and could not be transacted through power exchanges is the difference between unconstrained cleared volume and actual cleared volume. During the month of June 2021, congestion occurred in RTM on IEX only (Table-21). The volume of electricity that could not be cleared, due to congestion, in RTM on IEX was 0.23% of the unconstrained cleared volume. In terms of time, congestion occurred was 6.46% during the month (Table-21).

7. Volume and Price of Renewable Energy Certificates (RECs)

7.1. The concept of Renewable Energy Certificates (RECs) seeks to address mismatch between availability of renewable energy and the requirement of the obligated entities to meet their renewable purchase obligation by purchasing green attributes of renewable energy

² “Congestion” means a situation where the demand for transmission capacity exceeds the available transfer capability

³ “Market Splitting” is a mechanism adopted by Power Exchanges, where the market is split in the event of transmission congestion, into predetermined (by NLDC) bid areas or zones, which are cleared individually at their respective area prices such that the energy balance in every bid area is reached based upon the demand and supply in individual bid areas and using the available transmission corridor capacity between various bid areas simultaneously. As a result of this market splitting the price of electricity in the importing region, where demand for electricity is more than supply, becomes relatively higher than the price of electricity in the exporting region.

remotely located in the form of RECs. The REC mechanism is a market based instrument, to promote renewable sources of energy and development of electricity market.

7.2. One REC is equivalent to 1 MWh electricity injected into the grid from renewable energy sources. The REC is exchanged only in the power exchanges approved by CERC within the band of a floor price and forbearance (ceiling) price as notified by CERC from time to time. The first REC trading was held on power exchanges in May, 2011.

7.3. There were no transactions of REC during the month of June 2021 as the scheduled trading was postponed by Hon'ble APTEL in matter of the CERC Order dated 17th June 2020, fixing new floor and forbearance price for both Solar and Non-solar RECs.

8. Inferences:

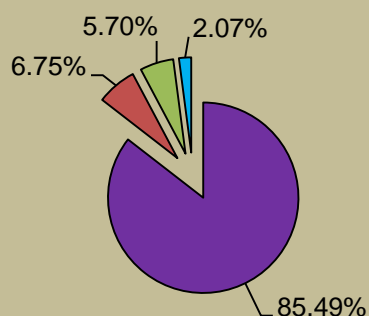
- (1) The percentage of short-term transactions of electricity to total electricity generation was 14.51%.
- (2) Of the total short-term transactions, bilateral constitutes 46.50% (36.73% through traders and term-ahead contracts on power exchanges and 9.76% directly between distribution companies), followed by 39.26% through DAM and RTM of power exchanges and 14.25% through DSM
- (3) Of the total volume of electricity transacted through power exchanges, 58.15% of the volume was transacted in DAM, followed by 23.14% in RTM and 18.71% in Term Ahead Market (TAM) (including G-TAM).
- (4) Top 5 trading licensees had a share of 86.06% in the total volume traded by all the trading licensees.
- (5) The Herfindahl Hirschman Index computed for the volume of electricity traded by trading licensees was 0.2795, indicating high concentration of market power.
- (6) The weighted average price of electricity transacted through trading licensees was ₹3.28/kWh.

- (7) The weighted average price of electricity transacted in the TAM of IEX and PXIL was ₹3.25/kWh and ₹3.43/kWh respectively. The weighted average price of electricity transacted in the G-TAM of IEX and PXIL was ₹3.73/kWh and ₹3.47/kWh respectively.
- (8) The weighted average price of electricity transacted in DAM of IEX and PXIL was ₹3.17/kWh and ₹3.39/kWh. The weighted average price of electricity transacted in RTM of IEX was ₹3.15/kWh. No electricity was transacted in the RTM of PXIL.
- (9) The average price of electricity transacted through DSM was ₹2.88/kWh.
- (10) The weighted average trading margin charged by the trading licensees for bilateral transactions was ₹0.020/kWh. The trading margin charged during the month was in line with the Trading Margin Regulations 2020.
- (11) Top 5 electricity selling regional entities were Himachal Pradesh, Raipur Energen Limited, Madhya Pradesh, Teesta Stage 3 Hydro Power Project and Sembcorp Gayatri Power Ltd. Top 5 electricity purchasing regional entities were Punjab, Gujarat, Haryana, Delhi and Andhra Pradesh.
- (12) During the month, congestion occurred in RTM on IEX only. The volume of electricity that could not be cleared due to congestion, in RTM on IEX was 0.23% of the unconstrained cleared volume. In terms of time, congestion occurred was 6.46% during the month.
- (13) There were no transactions of RECs on both the power exchanges during the month, as the scheduled REC trading sessions were postponed by the order of Hon'ble APTEL.

Table-1: VOLUME OF SHORT-TERM TRANSACTIONS OF ELECTRICITY (ALL INDIA), JUNE 2021				
Sr.No	Short-term transactions	Volume (MU)	% to Volume of short-term transactions	% to Total Generation
1	Bilateral	7179.45	46.50	6.75
	(i) Through Traders and PXs	5671.66	36.73	5.33
	(ii) Direct	1507.78	9.76	1.42
2	Through Power Exchanges	6061.78	39.26	5.70
	(i) IEX			
	(a) DAM	4314.17	27.94	4.05
	(b) RTM	1725.70	11.18	1.62
	(ii)PXIL			
	(a) DAM	21.91	0.14	0.02
	(b) RTM	0.00	0.00	0.00
3	Through DSM	2199.60	14.25	2.07
	Total	15440.82	-	14.51
	Total Generation	106405.21	-	-

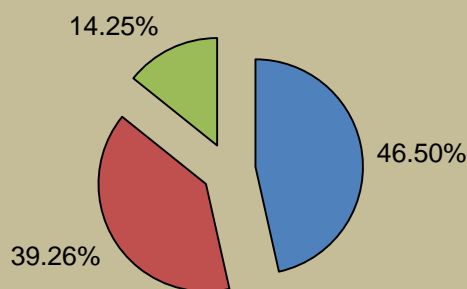
Source: NLDC

Figure-1: Volume of Various Kinds of Electricity Transactions in Total Electricity Generation, June 2021



■ Long-term ■ Bilateral ■ Through Power Exchanges ■ Through DSM

Figure-2: Volume of Short-term Transactions of Electricity, June 2021



■ Bilateral ■ Power Exchanges ■ DSM

Figure-3: Volume transacted in different markets segments on Power Exchanges, June 2021

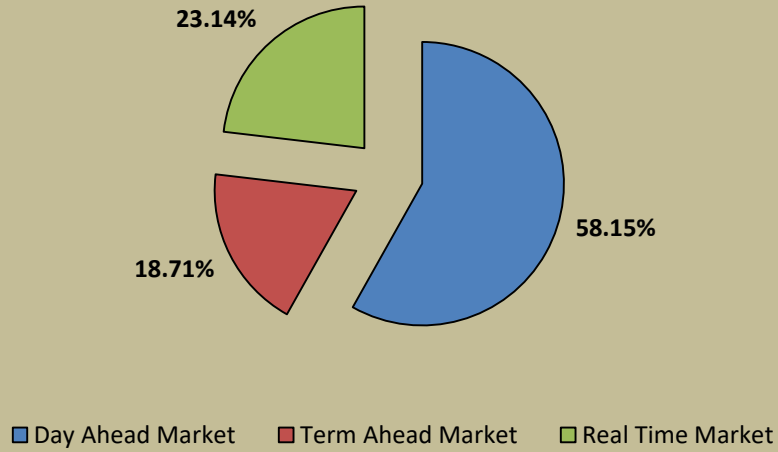


Figure-4: Volume of Short-term Transactions of Electricity, June 2021 (Day-wise)

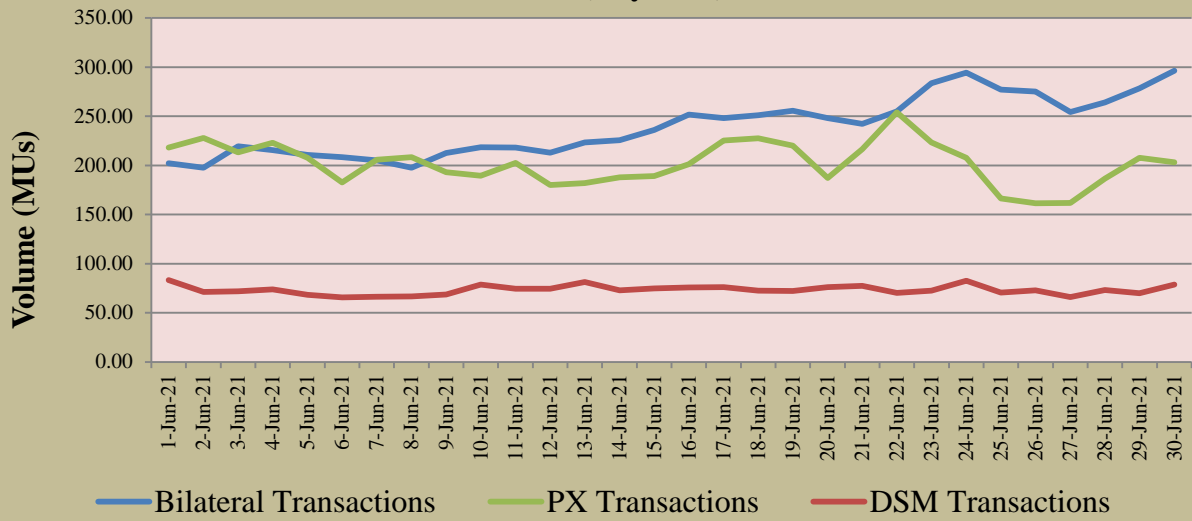


Table-2: PERCENTAGE SHARE OF ELECTRICITY TRANSACTED BY TRADING LICENSEES, JUNE 2021			
Sr.No	Name of the Trading Licensee	% Share in total Volume transacted by Trading Licensees	Herfindahl-Hirschman Index
1	PTC India Ltd.	48.58	0.2360
2	Tata Power Trading Company (P) Ltd.	14.86	0.0221
3	Manikaran Power Ltd.	8.94	0.0080
4	NTPC Vidyut Vyapar Nigam Ltd.	8.38	0.0070
5	Adani Enterprises Ltd.	5.30	0.0028
6	Arunachal Pradesh Power Corporation (P) ltd	4.09	0.0017
7	GMR Energy Trading Ltd.	3.46	0.0012
8	Kreate Energy (I) Pvt. Ltd.	2.07	0.0004
9	National Energy Trading & Services Ltd.	0.92	0.0001
10	Statkraft Markets Pvt. Ltd.	0.63	0.0000
11	Essar Electric Power Development Corp. Ltd.	0.48	0.0000
12	RPG Power Trading Company Ltd.	0.43	0.0000
13	JSW Power Trading Company Ltd	0.43	0.0000
14	Instinct Infra & Power Ltd.	0.38	0.0000
15	Knowledge Infrastructure Systems (P) Ltd	0.30	0.0000
16	Abja Power Private Limited	0.22	0.0000
17	Refex Energy Limited	0.15	0.0000
18	Gita Power & Infrastructure Private Limited	0.12	0.0000
19	IPCL Power Trading Pvt. Ltd.	0.10	0.0000
20	NLC India Ltd.	0.05	0.0000
21	Customized Energy Solutions India (P) Ltd.	0.04	0.0000
22	Shree Cement Ltd.	0.04	0.0000
23	Phillip Commodities India (P) Ltd.	0.02	0.0000
24	Ambitious Power Trading Company Ltd.	0.003	0.0000
TOTAL		100.00%	0.2795
Top 5 trading licensees		86.06%	
<i>Note 1: Volume of electricity transacted by the trading licensees includes bilateral transactions (inter-state & intra-state) and the transactions undertaken through power exchanges.</i>			
<i>Note 2: Volume of electricity transacted by Global Energy Ltd. is not included.</i>			
<i>Source: Information submitted by trading licensees</i>			

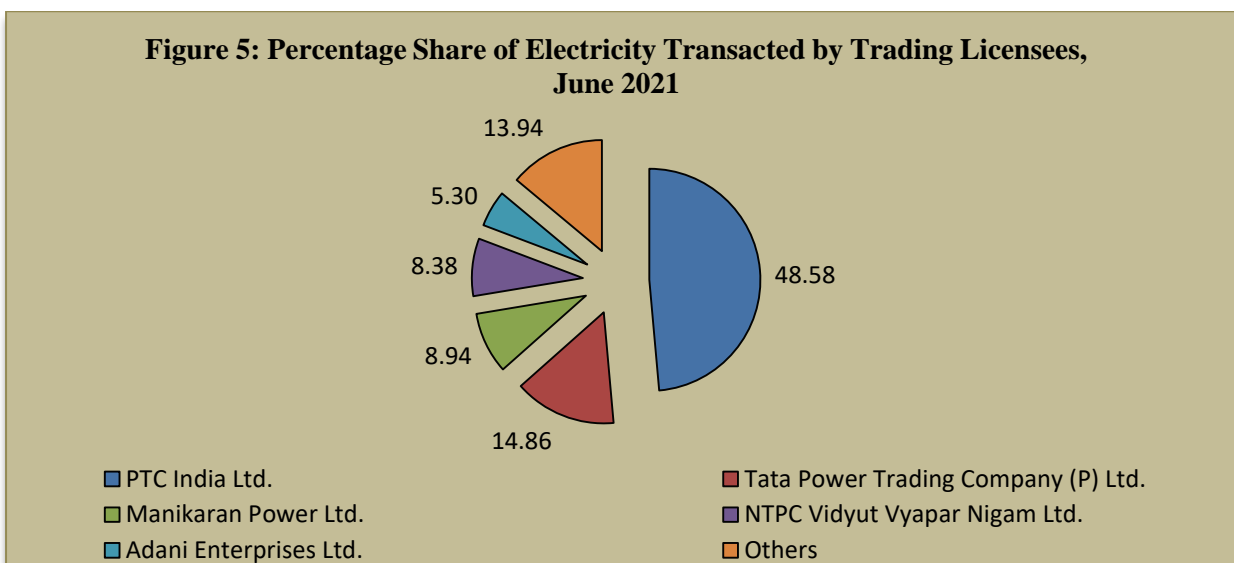


Table-3: PRICE OF ELECTRICITY TRANSACTED THROUGH TRADERS, JUNE 2021

Sr.No	Item	Sale Price of Traders (₹/kWh)
1	Minimum	2.30
2	Maximum	5.59
3	Weighted Average	3.28

Source: Information submitted by trading licensees

Table-4: PRICE OF ELECTRICITY TRANSACTED THROUGH TRADERS (TIME-WISE), JUNE 2021

Sr.No	Period of Trade	Sale Price of Traders (₹/kWh)
1	RTC	3.17
2	PEAK	4.99
3	OFF PEAK	3.92

Source: Information submitted by trading licensees

Table-5: PRICE OF ELECTRICITY TRANSACTED IN DAY AHEAD MARKET THROUGH POWER EXCHANGES, JUNE 2021

Sr.No	ACP	Price in IEX (₹/kWh)	Price in PXIL (₹/kWh)
1	Minimum	0.60	2.00
2	Maximum	9.67	6.99
3	Weighted Average	3.17	3.39

Source: IEX and PXIL

Table-6: PRICE OF ELECTRICITY TRANSACTED IN REAL TIME MARKET THROUGH POWER EXCHANGES, JUNE 2021

Sr.No	ACP	Price in IEX (₹/kWh)	Price in PXIL (₹/kWh)
1	Minimum	0.49	-
2	Maximum	13.00	-
3	Weighted Average	3.15	-

Source: IEX and PXIL

Table-7: VOLUME AND PRICE OF ELECTRICITY IN TERM AHEAD MARKET OF IEX, JUNE 2021			
Sr.No	Term ahead contracts	Actual Scheduled Volume (MU)	Weighted Average Price (₹/kWh)
1	Intra-Day Contracts	16.00	5.13
2	Day Ahead Contingency Contracts	316.43	3.54
3	Daily Contracts	308.48	2.85
	Total	640.91	3.25

Source: IEX

Table-8: VOLUME AND PRICE OF ELECTRICITY IN TERM AHEAD MARKET OF PXIL, JUNE 2021			
Sr.No	Term ahead contracts	Actual Scheduled Volume (MU)	Weighted Average Price (₹/kWh)
1	Intra-Day Contracts	72.03	3.50
2	Any Day(s) Contracts	240.61	3.41
	Total	312.64	3.43

Source: PXIL

Table-9: VOLUME AND PRICE OF ELECTRICITY IN GREEN TERM AHEAD MARKET OF IEX, JUNE 2021			
Sr.No	Green Term ahead contracts	Actual Scheduled Volume (MU)	Weighted Average Price (₹/kWh)
1	Intra-Day Contracts	10.17	4.30
2	Day Ahead Contingency Contracts	369.42	3.72
3	Daily Contracts	11.95	3.71
4	Weekly Contracts	22.27	3.60
	Total	413.80	3.73

Source: IEX

Table-10: VOLUME AND PRICE OF ELECTRICITY IN GREEN TERM AHEAD MARKET OF PXIL, JUNE 2021			
Sr.No	Green Term ahead contracts	Actual Scheduled Volume (MU)	Weighted Average Price (₹/kWh)
1	Intra-Day Contracts	2.26	3.32
2	Any Day(s) Contracts	25.24	3.48
	Total	27.50	3.47

Source: PXIL

Table-11: PRICE OF ELECTRICITY TRANSACTED THROUGH DSM, JUNE 2021		
Sr.No	Item	Price in All India Grid (₹/kWh)
1	Minimum	0.00
2	Maximum	8.00
3	Average	2.88

Source: NLDC

Figure-6: Price of Short-term Transactions of Electricity, June 2021

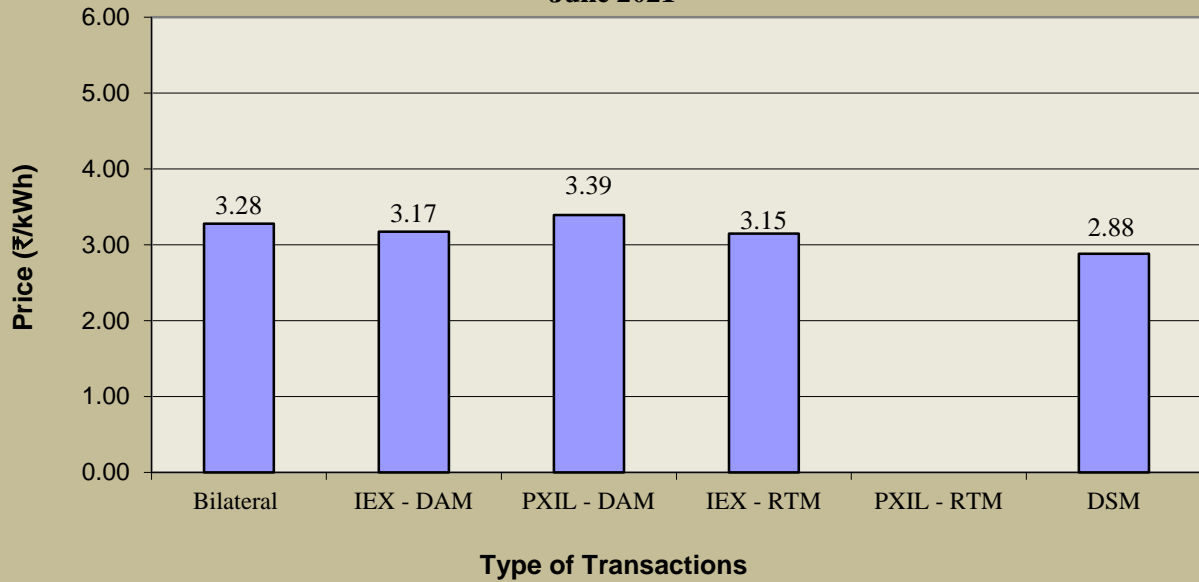
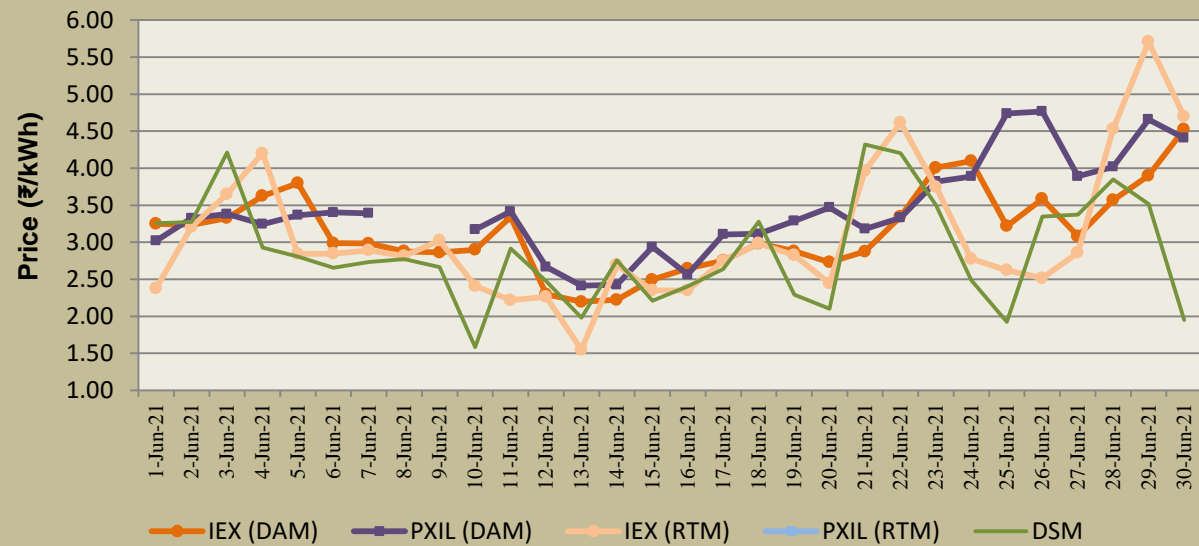


Figure-7: Price of Short-term Transactions of Electricity, June 2021 (Day-wise)



Note: On PXIL, no electricity was transacted in DAM on 8th – 9th June 2021, while no electricity was transacted in RTM during June 2021

Table-12: VOLUME OF ELECTRICITY SOLD THROUGH BILATERAL, JUNE 2021		
Name of the Entity	Volume of Sale (MU)	% of Volume
RPREL	753.42	10.50
MP	564.24	7.86
HIMACHAL PRADESH	557.89	7.77
JITPL	438.48	6.11
JAYPEE NIGRIE	338.48	4.72
DB POWER	333.87	4.65
KARNATAKA	306.73	4.27
REGL	292.44	4.07
SEMBCORP	292.06	4.07
J & K	289.47	4.03
TAMIL NADU	268.69	3.74
TEESTA STG3	251.74	3.51
ESSAR POWER	181.98	2.54
JINDAL POWER	161.87	2.26
JINDAL STAGE-II	161.00	2.24
RAJASTHAN	142.04	1.98
SKS POWER	141.53	1.97
DVC	138.97	1.94
MEENAKSHI	133.85	1.86
TELANGANA	128.19	1.79
ADHUNIK POWER LTD	122.23	1.70
MB POWER	120.47	1.68
UTTARAKHAND	105.30	1.47
BALCO	99.99	1.39
GUJARAT	90.56	1.26
RKM POWER	70.25	0.98
NEEPCO STATIONS	66.58	0.93
SIKKIM	61.51	0.86
DAGACHU	60.42	0.84
DIKCHU HEP	57.61	0.80
AD HYDRO	50.85	0.71
JHABUA POWER_MP	42.34	0.59
COASTGEN	41.61	0.58
MRPL	30.25	0.42
WEST BENGAL	30.09	0.42
MANIPUR	29.32	0.41
ARUNACHAL PRADESH	27.02	0.38
KSK MAHANADI	20.99	0.29
GOA	20.06	0.28
ANDHRA PRADESH	19.71	0.27
ODISHA	18.73	0.26
KERALA	17.92	0.25
MEGHALAYA	16.00	0.22
ASEJTL_SLR	13.07	0.18
ONGC PALATANA	8.40	0.12
ARERJL_SLR	7.72	0.11
SAINJ HEP	7.50	0.10
LANKO_AMK	7.41	0.10
MAHARASHTRA	7.06	0.10

TRN ENERGY	6.82	0.10
JORETHANG	5.76	0.08
CHHATTISGARH	5.40	0.08
TASHIDENG HEP	5.06	0.07
UTTAR PRADESH	2.79	0.04
HARYANA	1.79	0.02
NAGALAND	1.25	0.02
NTPC STATIONS-NER	0.55	0.01
BIHAR	0.33	0.005
JHARKHAND	0.30	0.004
IL&FS	0.04	0.001
Total	7178.00	100.00
Volume Sold by top 5 Regional Entities	2652.51	36.95

Table-13: VOLUME OF ELECTRICITY PURCHASED THROUGH BILATERAL, JUNE 2021

Name of the Entity	Volume of Purchase (MU)	% of Volume
PUNJAB	1459.69	20.33
DELHI	1081.52	15.06
HARYANA	998.01	13.90
GUJARAT	834.60	11.62
UTTAR PRADESH	700.37	9.76
ODISHA	313.98	4.37
WEST BENGAL	305.46	4.25
TAMIL NADU	241.90	3.37
RAJASTHAN	155.52	2.17
BIHAR	155.13	2.16
BANGLADESH	133.85	1.86
JHARKHAND	121.83	1.70
MP	116.20	1.62
CHHATTISGARH	100.13	1.39
MAHARASHTRA	82.54	1.15
NEPAL(NVVN)	66.58	0.93
AMPS Hazira	65.68	0.91
DADRA & NAGAR HAVELI	63.90	0.89
GOA	51.07	0.71
SIKKIM	48.05	0.67
NEP	25.49	0.36
ANDHRA PRADESH	11.71	0.16
TELANGANA	11.01	0.15
DAMAN AND DIU	10.96	0.15
ASSAM	8.02	0.11
UTTARAKHAND	6.97	0.10
DVC	4.53	0.06
KARNATAKA	3.37	0.05
MEGHALAYA	1.18	0.02
ARUNACHAL PRADESH	0.19	0.003
TOTAL	7179.45	100.00
Volume Purchased by top 5 Regional Entities	5074.19	70.68

Table-14: VOLUME OF ELECTRICITY SOLD IN DAY AHEAD MARKET THROUGH POWER EXCHANGES, JUNE 2021

Name of the Entity	Volume of Sale (MU)	% of Volume
TEESTA STG3	460.53	10.62
HIMACHAL PRADESH	373.94	8.62
UTTAR PRADESH	346.11	7.98
SEMBCORP	316.70	7.30
WEST BENGAL	291.43	6.72
ODISHA	213.62	4.93
MP	208.05	4.80
DELHI	177.20	4.09
CHHATTISGARH	143.31	3.31
KERALA	140.77	3.25
KARNATAKA	119.22	2.75
BIHAR	117.36	2.71
JINDAL POWER	113.99	2.63
MB POWER	111.83	2.58
DB POWER	73.93	1.71
ASSAM	72.92	1.68
MAHARASHTRA	59.73	1.38
EMCO	58.51	1.35
JAYPEE NIGRIE	52.33	1.21
SAINJ HEP	48.36	1.12
ESSAR POWER	45.06	1.04
KARCHAM WANGTOO	44.07	1.02
GUJARAT	43.96	1.01
AD HYDRO	41.63	0.96
SINGOLI BHATWARI HEP	41.47	0.96
JORETHANG	40.62	0.94
JITPL	36.81	0.85
RAJASTHAN	36.62	0.84
TASHIDENG HEP	34.85	0.80
TAMIL NADU	32.58	0.75
GOA	31.64	0.73
MARUTI COAL	31.12	0.72
CHANDIGARH	27.14	0.63
GMR KAMALANGA	26.70	0.62
SPECTRUM	26.06	0.60
JHABUA POWER_MP	25.89	0.60
JHARKHAND	25.41	0.59
TELANGANA	19.16	0.44
RKM POWER	18.06	0.42
ONGC PALATANA	17.39	0.40
ADHUNIK POWER LTD	16.40	0.38
MEGHALAYA	15.20	0.35
NEEPCO STATIONS	14.79	0.34
DIKCHU HEP	13.78	0.32
J & K	13.35	0.31
DVC	13.08	0.30
ANDHRA PRADESH	12.89	0.30
NTPC STATIONS-NER	12.40	0.29

ARUNACHAL PRADESH	11.48	0.26
CHUZACHEN HEP	8.73	0.20
JINDAL STAGE-II	8.48	0.20
SIKKIM	6.48	0.15
HARYANA	5.44	0.13
LANCO BUDHIL	5.29	0.12
MIZORAM	4.46	0.10
NLC	3.92	0.09
NTPC STATIONS-SR	3.71	0.09
NTPL	3.00	0.07
RGPPL	2.88	0.07
TRN ENERGY	2.82	0.06
PUNJAB	2.53	0.06
BALCO	2.33	0.05
IL&FS	1.66	0.04
KSK MAHANADI	1.27	0.03
NAGALAND	1.08	0.02
MEENAKSHI	0.90	0.02
RPREL	0.67	0.02
DHARIWAL POWER	0.49	0.01
UTTARAKHAND	0.40	0.01
DADRA & NAGAR HAVELI	0.06	0.001
REGL	0.03	0.001
Total	4336.08	100.00
Volume sold by top 5 Regional Entities	1788.71	41.25

Table-15: VOLUME OF ELECTRICITY PURCHASED IN DAY AHEAD MARKET THROUGH POWER EXCHANGES, JUNE 2021

Name of the Entity	Volume of Purchase (MU)	% of Volume
GUJARAT	813.28	18.76
MAHARASHTRA	695.47	16.04
ANDHRA PRADESH	675.37	15.58
PUNJAB	415.85	9.59
HARYANA	327.14	7.54
RAJASTHAN	225.81	5.21
TAMIL NADU	215.80	4.98
TELANGANA	203.31	4.69
DELHI	123.30	2.84
UTTAR PRADESH	104.38	2.41
ASSAM	79.91	1.84
UTTARAKHAND	72.07	1.66
MP	71.74	1.65
DADRA & NAGAR HAVELI	65.26	1.51
KARNATAKA	48.78	1.13
NEPAL(NVVN)	42.89	0.99
KERALA	33.79	0.78
BIHAR	32.86	0.76
HIMACHAL PRADESH	24.83	0.57
JHARKHAND	19.29	0.44
DAMAN AND DIU	11.75	0.27
ODISHA	8.51	0.20
AMPS Hazira	6.11	0.14
NAGALAND	5.86	0.14
GOA	3.99	0.09
MANIPUR	3.61	0.08
MEGHALAYA	2.96	0.07
CHHATTISGARH	0.97	0.02
CHANDIGARH	0.66	0.02
J & K	0.36	0.01
ARUNACHAL PRADESH	0.17	0.004
TOTAL	4336.08	100.00
Volume purchased by top 5 Regional Entities	2927.11	67.51

Table-16: VOLUME OF ELECTRICITY SOLD IN REAL TIME MARKET THROUGH POWER EXCHANGES, JUNE 2021

Name of the Entity	Volume of Sale (MU)	% of Volume
J & K	228.25	13.23
NLC	148.67	8.62
WEST BENGAL	145.40	8.43
MP	116.51	6.75
UTTAR PRADESH	101.94	5.91
ODISHA	98.54	5.71
DELHI	92.30	5.35
NEEPCO STATIONS	85.63	4.96
KARNATAKA	84.22	4.88
MB POWER	60.26	3.49
RAJASTHAN	53.22	3.08
HIMACHAL PRADESH	43.18	2.50
NTPC STATIONS-SR	33.44	1.94
KERALA	31.19	1.81
TELANGANA	27.28	1.58
BIHAR	26.00	1.51
CHHATTISGARH	23.18	1.34
HARYANA	19.77	1.15
RKM POWER	19.65	1.14
ASSAM	19.44	1.13
SASAN UMPP	18.62	1.08
EMCO	16.52	0.96
NTPC STATIONS-WR	16.43	0.95
MAHARASHTRA	14.60	0.85
JHARKHAND	13.95	0.81
GUJARAT	12.72	0.74
JINDAL STAGE-II	12.58	0.73
JHABUA POWER_MP	11.87	0.69
NTPC STATIONS-ER	11.67	0.68
TRIPURA	11.20	0.65
JORETHANG	11.19	0.65
TASHIDENG HEP	9.82	0.57
JINDAL POWER	9.74	0.56
NTPC STATIONS-NER	9.04	0.52
SEMBCORP	8.31	0.48
SINGOLI BHATWARI HEP	6.75	0.39
SIKKIM	6.02	0.35
PUNJAB	5.99	0.35
GMR KAMALANGA	5.22	0.30
SAINJ HEP	5.01	0.29
TAMIL NADU	4.72	0.27
BALCO	4.13	0.24
NTPC STATIONS-NR	3.93	0.23
MEGHALAYA	3.76	0.22
AD HYDRO	3.04	0.18
ESSAR POWER	2.97	0.17
MANIPUR	2.95	0.17
KARCHAM WANGTOO	2.77	0.16

RPREL	2.66	0.15
DVC	2.49	0.14
DB POWER	2.49	0.14
ARUNACHAL PRADESH	2.36	0.14
TEESTA STG3	1.64	0.10
ONGC PALATANA	1.62	0.09
DIKCHU HEP	1.52	0.09
MARUTI COAL	1.37	0.08
CHUZACHEN HEP	1.29	0.07
RGPPL_IR	1.29	0.07
ANDHRA PRADESH	1.02	0.06
SKS POWER	0.60	0.03
IL&FS	0.35	0.02
CGPL	0.33	0.02
NTPL	0.25	0.01
RGPPL	0.23	0.01
RGPPL_Others	0.22	0.01
MEENAKSHI	0.15	0.01
DHARIWAL POWER	0.11	0.01
SPECTRUM	0.05	0.003
CHANDIGARH	0.03	0.002
REGL	0.01	0.0004
Total	1725.70	100.00
Volume sold by top 5 Regional Entities	740.78	42.93

Table-17: VOLUME OF ELECTRICITY PURCHASED IN REAL TIME MARKET THROUGH POWER EXCHANGES, JUNE 2021		
Name of the Entity	Volume of Purchase (MU)	% of Volume
TELANGANA	322.32	18.68
ANDHRA PRADESH	245.84	14.25
RAJASTHAN	245.75	14.24
TAMIL NADU	123.85	7.18
UTTAR PRADESH	98.76	5.72
MAHARASHTRA	98.00	5.68
BIHAR	97.78	5.67
HARYANA	77.74	4.50
PUNJAB	71.46	4.14
DELHI	58.00	3.36
GUJARAT	55.83	3.24
WEST BENGAL	51.28	2.97
ODISHA	44.30	2.57
ASSAM	37.63	2.18
JHARKHAND	12.93	0.75
HIMACHAL PRADESH	12.67	0.73
MANIPUR	12.38	0.72
KARNATAKA	9.94	0.58
J & K	6.10	0.35
DADRA & NAGAR HAVELI	5.76	0.33
MP	5.39	0.31
TEESTA STG3	5.31	0.31
CHHATTISGARH	5.23	0.30
KERALA	4.65	0.27
NAGALAND	1.98	0.11
UTTARAKHAND	1.94	0.11
DAMAN AND DIU	1.82	0.11
DVC	1.79	0.10
SIKKIM	1.62	0.09
MARUTI COAL	1.39	0.08
GOA	1.17	0.07
TRIPURA	1.11	0.06
AMPS Hazira	1.08	0.06
JORETHANG	0.96	0.06
TASHIDENG HEP	0.66	0.04
MEGHALAYA	0.47	0.03
JHABUA POWER_MP	0.33	0.02
SPECTRUM	0.17	0.01
JINDAL POWER	0.15	0.01
ARUNACHAL PRADESH	0.14	0.01
TOTAL	1725.70	100.00
Volume purchased by top 5 Regional Entities	1036.53	60.06

Table-18: VOLUME OF ELECTRICITY UNDER DRAWAL (EXPORTED) THROUGH DSM, JUNE 2021		
Name of the Entity	Volume of Under drawal (MU)	% of Volume
UTTAR PRADESH	108.56	5.01
NHPC STATIONS	106.23	4.91
PUNJAB	104.23	4.81
CHUKHA HEP	101.16	4.67
GUJARAT	88.11	4.07
MP	86.37	3.99
HARYANA	78.28	3.61
NTPC STATIONS-WR	77.61	3.58
MAHARASHTRA	77.58	3.58
TELANGANA	69.70	3.22
RAJASTHAN	67.26	3.11
TAMIL NADU	65.03	3.00
NTPC STATIONS-NR	52.55	2.43
BIHAR	50.27	2.32
KARNATAKA	46.52	2.15
DELHI	45.87	2.12
SASAN UMPP	44.91	2.07
J & K	41.44	1.91
ANDHRA PRADESH	39.66	1.83
NLC	29.73	1.37
ODISHA	28.24	1.30
NTPC STATIONS-SR	27.23	1.26
CHHATTISGARH	27.07	1.25
NTPC STATIONS-ER	26.64	1.23
WEST BENGAL	26.02	1.20
KERALA	23.11	1.07
JHARKHAND	22.63	1.04
DVC	22.61	1.04
AMPS Hazira	21.72	1.00
GIWEL_BHUI	18.71	0.86
UTTARAKHAND	16.09	0.74
BBMB	15.42	0.71
KARCHAM WANGTOO	14.44	0.67
KURICHU HEP	12.56	0.58
MANGDECHU HEP	11.02	0.51
AGEMPL BHUI	10.59	0.49
NEEPCO STATIONS	10.29	0.48
OSTRO	9.43	0.44
TRIPURA	9.39	0.43
ORANGE_TCN	9.20	0.42
ALFANAR_BHUI	8.92	0.41
GIWEL_TCN	8.66	0.40
CHANDIGARH	8.50	0.39
ASSAM	8.47	0.39
INOX_BHUI	8.27	0.38
PONDICHERRY	8.25	0.38
GOA	8.15	0.38
HIMACHAL PRADESH	8.09	0.37
RENEW_BHACHAU	8.01	0.37
BETAM_TCN	7.58	0.35
TATA_PVGD	7.23	0.33
MB POWER	7.14	0.33
NJPC	7.12	0.33
RENEW_BHUI	6.97	0.32
JINDAL POWER	6.77	0.31
MEGHALAYA	6.51	0.30
MTPS II	6.49	0.30
ACME_SLR	6.35	0.29
JINDAL_STAGE-II	6.12	0.28
SPRNG_NPKUNTA	6.04	0.28

SINGOLI BHATWARI HEP	5.97	0.28
RAMPUR HEP	5.77	0.27
AYANA_NPKUNTA	5.72	0.26
FORTUM2_PVGD	5.48	0.25
MAHINDRA_RUMS	5.47	0.25
ARUNACHAL PRADESH	5.46	0.25
GMR KAMALANGA	5.38	0.25
ARINSUM_RUMS	5.25	0.24
JAYPEE NIGRIE	5.17	0.24
SBG_NPK	5.16	0.24
ACME_RUMS	5.14	0.24
MAITHON POWER LTD	5.01	0.23
NTPL	4.67	0.22
BRBCL,NABINAGAR	4.55	0.21
RAIL	4.46	0.21
MYTRAH_TCN	4.43	0.20
RENEW_SLR_BKN	4.21	0.19
CLEAN_SLR	4.17	0.19
LANKO_AMK	4.16	0.19
NETCL VALLUR	4.03	0.19
PARAM_PVGD	3.97	0.18
TEESTA HEP	3.89	0.18
ADHUNIK POWER LTD	3.81	0.18
NEPAL(NVVN)	3.69	0.17
ARERJL_SLR	3.60	0.17
ESSAR POWER	3.59	0.17
ACBIL	3.55	0.16
RGPPL	3.47	0.16
SPRING_PUGALUR	3.47	0.16
JHABUA POWER_MP	3.40	0.16
SBG_PVGD	3.36	0.16
BARC	3.27	0.15
AZURE43_SLR	3.20	0.15
EMCO	3.19	0.15
AZURE34_SLR	3.17	0.15
AD HYDRO	3.14	0.14
SEMBCORP	3.13	0.14
NAGALAND	3.02	0.14
AZURE_SLR	3.01	0.14
NTPC_ANTP	2.99	0.14
NPGC	2.93	0.14
RAP B	2.92	0.13
RKM POWER	2.85	0.13
DADRA & NAGAR HAVELI	2.68	0.12
DIKCHU HEP	2.65	0.12
AVAADA1_PVGD	2.63	0.12
MANIPUR	2.62	0.12
AZURE_PVGD	2.59	0.12
JITPL	2.43	0.11
RPREL	2.37	0.11
MIZORAM	2.34	0.11
AVAADA2_PVGD	2.29	0.11
TRN ENERGY	2.26	0.10
RANGANADI HEP	2.25	0.10
TEHRI	2.22	0.10
DB POWER	2.08	0.10
TATA_ANTP	2.05	0.09
BALCO	2.03	0.09
DHARIWAL POWER	1.99	0.09
BANGLADESH	1.93	0.09
SIKKIM	1.92	0.09
SAINJ HEP	1.89	0.09

DAGACHU	1.88	0.09
FORTUM1_PVGD	1.84	0.09
KOTESHWAR	1.82	0.08
TASHIDENG HEP	1.77	0.08
DAMAN AND DIU	1.76	0.08
CGPL	1.73	0.08
SB_SLR	1.59	0.07
NEP	1.53	0.07
ADY10_PVGD	1.46	0.07
ADY2_PVGD	1.39	0.06
TEESTA STG3	1.38	0.06
NSPCL	1.37	0.06
TATA_SLR	1.36	0.06
ADY1_PVGD	1.33	0.06
ADY6_PVGD	1.30	0.06
NTPC STATIONS-NER	1.27	0.06
FRV_NPK	1.26	0.06
ABSP_ANTP	1.25	0.06
ADY3_PVGD	1.25	0.06
ARS_PVGD	1.21	0.06
ADY13_PVGD	1.19	0.05
NAPP	1.16	0.05
THERMAL POWERTECH	1.15	0.05
AKSP_ANTP	1.12	0.05
RENEW_PVGD	1.09	0.05
AHSP_ANTP	1.08	0.05
FRV_ANTP	1.06	0.05
YARROW_PVGD	1.06	0.05
SKS POWER	1.04	0.05
RENEW_SLR	0.97	0.04
CHUZACHEN HEP	0.97	0.04
AKS_PVGD	0.96	0.04
PARE HEP	0.87	0.04
COASTGEN	0.87	0.04
RANGIT HEP	0.79	0.04
AZURE_ANTP	0.76	0.04
IGSTPS	0.76	0.03
KSK MAHANADI	0.71	0.03
LOKTAK	0.63	0.03
JORETHANG	0.61	0.03
KREDL_PVGD	0.58	0.03
LANCO BUDHIL	0.52	0.02
ONGC PALATANA	0.49	0.02
RAP C	0.48	0.02
TALA HEP	0.40	0.02
DOYANG HEP	0.36	0.02
ASEJTL_SLR	0.34	0.02
VINDHYACHAL HVDC	0.33	0.02
NFF	0.29	0.01
IL&FS	0.26	0.01
SHREE CEMENT	0.14	0.01
MEENAKSHI	0.11	0.01
HVDC CHAMPA	0.08	0.00
HVDC ALPD	0.07	0.00
HVDC RAIGARH	0.05	0.002
BHADRAVATHI HVDC	0.05	0.002
DCPP	0.03	0.001
HVDC PUS	0.002	0.0001
KAPP 3&4	0.001	0.0001
Total	2165.77	100.00
Volume Exported by top 5 Regional Entities	508.28	23.47

Table-19: VOLUME OF ELECTRICITY OVER DRAWAL (IMPORTED) THROUGH DSM, JUNE 2021		
Name of the Entity	Volume of Over drawal (MU)	% of Volume
TALA HEP	154.42	6.91
RAJASTHAN	130.62	5.85
KERALA	91.81	4.11
NTPC STATIONS-WR	88.72	3.97
PONDICHERRY	86.56	3.88
ANDHRA PRADESH	81.41	3.65
NTPC STATIONS-NR	81.22	3.64
UTTAR PRADESH	72.93	3.27
NTPC STATIONS-ER	64.70	2.90
GUJARAT	62.63	2.80
MAHARASHTRA	61.71	2.76
HARYANA	54.06	2.42
WEST BENGAL	52.30	2.34
BIHAR	49.78	2.23
MP	42.65	1.91
ODISHA	37.91	1.70
HIMACHAL PRADESH	36.92	1.65
J & K	35.77	1.60
NLC	35.10	1.57
UTTARAKHAND	32.97	1.48
KARNATAKA	32.61	1.46
PUNJAB	30.97	1.39
TAMIL NADU	30.38	1.36
CHHATTISGARH	26.63	1.19
NTPC STATIONS-SR	26.48	1.19
DVC	25.55	1.14
ASSAM	22.56	1.01
RGPPL	21.15	0.95
DELHI	19.13	0.86
AMPS Hazira	18.96	0.85
NEPAL(NVVN)	17.83	0.80
JHARKHAND	17.47	0.78
BALCO	16.62	0.74
MB POWER	15.35	0.69
AGEMPL BHUJ	15.15	0.68
RPREL	13.99	0.63
KAPP 3&4	13.94	0.62
NHPC STATIONS	13.50	0.60
THERMAL POWERTECH	13.09	0.59
DB POWER	12.95	0.58
CGPL	12.40	0.56
DAGACHU	10.65	0.48
MANGDECHU HEP	10.17	0.46
GIWEL_BHUJ	10.16	0.45
GIWEL_TCN	10.09	0.45
BRBCL,NABINAGAR	9.71	0.43
MYTRAH_TCN	9.49	0.43
TEESTA STG3	9.46	0.42
RENEW_BHUJ	9.18	0.41
EMCO	8.91	0.40
SIKKIM	8.62	0.39
RENEW_BHACHAU	8.54	0.38
NTPC STATIONS-NER	8.22	0.37
BETAM_TCN	8.18	0.37
DADRA & NAGAR HAVELI	8.14	0.36
COASTGEN	7.86	0.35
NEP	7.70	0.34
AD HYDRO	7.52	0.34
JHABUA POWER_MP	7.30	0.33

IGSTPS	7.25	0.32
MEENAKSHI	7.04	0.32
DAMAN AND DIU	7.03	0.31
TATA_PVGD	6.96	0.31
ORANGE_TCN	6.95	0.31
GOA	6.52	0.29
JINDAL STAGE-II	6.39	0.29
MAITHON POWER LTD	6.16	0.28
OSTRO	6.02	0.27
ACME_RUMS	5.92	0.26
KARCHAM WANGTOO	5.58	0.25
TASHIDENG HEP	5.55	0.25
ARUNACHAL PRADESH	5.52	0.25
ALFANAR_BHUI	5.51	0.25
CHANDIGARH	5.40	0.24
INOX_BHUI	5.34	0.24
MAHINDRA_RUMS	5.33	0.24
JORETHANG	5.25	0.24
ADHUNIK POWER LTD	5.24	0.23
SKS POWER	5.08	0.23
RAIL	5.03	0.23
NAPP	5.02	0.22
NETCL VALLUR	5.01	0.22
SPRING_PUGALUR	4.83	0.22
ARINSUM_RUMS	4.82	0.22
SBG_NPK	4.66	0.21
RAP C	4.55	0.20
NPGC	4.39	0.20
NJPC	4.26	0.19
JAYPEE NIGRIE	4.19	0.19
NSPCL	4.16	0.19
SBG_PVGD	4.02	0.18
TRIPURA	3.89	0.17
BANGLADESH	3.80	0.17
KSK MAHANADI	3.73	0.17
MTPS II	3.62	0.16
SINGOLI BHATWARI HEP	3.57	0.16
NTPC_ANTP	3.42	0.15
IL&FS	3.41	0.15
CLEAN_SLR	3.13	0.14
NEEPCO STATIONS	3.02	0.14
RKM POWER	2.97	0.13
GMR KAMALANGA	2.77	0.12
RENEW_SLR_BKN	2.66	0.12
SPRNG_NPKUNTA	2.57	0.11
SEMBCORP	2.57	0.11
AZURE43_SLR	2.54	0.11
RAP B	2.44	0.11
BBMB	2.37	0.11
ACBIL	2.35	0.11
FORTUM2_PVGD	2.25	0.10
AVAADA2_PVGD	2.24	0.10
MEGHALAYA	2.08	0.09
DIKCHU HEP	1.99	0.09
PARAM_PVGD	1.97	0.09
TATA_SLR	1.97	0.09
DHARIWAL POWER	1.97	0.09
JITPL	1.96	0.09
ESSAR POWER	1.90	0.08
TEHRI	1.88	0.08
MIZORAM	1.84	0.08
MANIPUR	1.83	0.08
JINDAL POWER	1.82	0.08

AYANA_NPKUNTA	1.82	0.08
AVAADAI_PVGD	1.73	0.08
SB_SLR	1.70	0.08
ARERJL_SLR	1.61	0.07
FORTUM1_PVGD	1.57	0.07
TEESTA HEP	1.53	0.07
NTPL	1.47	0.07
KURICHU HEP	1.45	0.06
TELANGANA	1.41	0.06
TATA_ANTP	1.38	0.06
ASEJTL_SLR	1.25	0.06
SASAN UMPP	1.21	0.05
RENEW_PVGD	1.19	0.05
AZURE_SLR	1.15	0.05
SAINJ HEP	1.13	0.05
DGEN MEGA POWER	1.00	0.04
RANGIT HEP	0.99	0.04
AZURE_PVGD	0.98	0.04
AKS_PVGD	0.95	0.04
AZURE_ANTP	0.93	0.04
ONGC PALATANA	0.93	0.04
KREDL_PVGD	0.91	0.04
AZURE34_SLR	0.91	0.04
YARROW_PVGD	0.88	0.04
ACME_SLR	0.86	0.04
AHSP_ANTP	0.86	0.04
RAMPUR HEP	0.85	0.04
FRV_NPK	0.84	0.04
FRV_ANTP	0.82	0.04
AKSP_ANTP	0.82	0.04
CHUZACHEN HEP	0.80	0.04
ABSP_ANTP	0.78	0.03
ADY3_PVGD	0.67	0.03
ARS_PVGD	0.67	0.03
ADY6_PVGD	0.64	0.03
RANGANADI HEP	0.61	0.03
LANKO KONDAPALLI	0.57	0.03
TRN ENERGY	0.55	0.02
ADY1_PVGD	0.55	0.02
ADY13_PVGD	0.53	0.02
ADY2_PVGD	0.51	0.02
SIMHAPURI	0.49	0.02
RENEW_SLR	0.47	0.02
ADY10_PVGD	0.47	0.02
NAGALAND	0.46	0.02
SHREE CEMENT	0.44	0.02
LANKO_AMK	0.40	0.02
NFF	0.37	0.02
PARE HEP	0.33	0.01
LOKTAK	0.29	0.01
LANCO BUDHIL	0.29	0.01
KOTESHWAR	0.28	0.01
HVDC CHAMPA	0.23	0.01
DOYANG HEP	0.22	0.01
HVDC PUS	0.15	0.01
HVDC RAIGARH	0.07	0.003
HVDC ALPD	0.06	0.003
CHUKHA HEP	0.04	0.002
BHADRAVATHI HVDC	0.02	0.001
DCPP	0.01	0.001
TOTAL	2233.42	100.00
Volume Imported by top 5 Regional Entities	552.13	24.72

Table-20: TOTAL VOLUME OF NET SHORT-TERM TRANSACTIONS OF ELECTRICITY (REGIONAL ENTITY-WISE), JUNE 2021

S. No.	Name of the Entity	Total volume of net short-term transactions of electricity*
1	PUNJAB	1865.23
2	GUJARAT	1531.00
3	HARYANA	1351.66
4	DELHI	966.57
5	ANDHRA PRADESH	941.05
6	MAHARASHTRA	778.75
7	RAJASTHAN	458.56
8	UTTAR PRADESH	417.05
9	TELANGANA	293.73
10	TAMIL NADU	240.91
11	TALA HEP	154.01
12	BIHAR	141.59
13	DADRA & NAGAR HAVELI	140.33
14	BANGLADESH	135.72
15	NEPAL(NVVN)	123.61
16	JHARKHAND	109.23
17	PONDICHERY	78.31
18	AMPS Hazira	70.10
19	ASSAM	47.28
20	ODISHA	45.56
21	NEP	31.65
22	DAMAN AND DIU	29.80
23	NTPC STATIONS-ER	26.38
24	NTPC STATIONS-NR	24.74
25	RGPPL	14.58
26	KAPP 3&4	13.93
27	THERMAL POWERTECH	11.94
28	CGPL	10.35
29	IGSTPS	6.49
30	BRBCL,NABINAGAR	5.17
31	MYTRAH_TCN	5.07
32	AGEMPL BHUJ	4.56
33	RAP C	4.07
34	NAPP	3.86
35	NAGALAND	2.95
36	GOA	2.90
37	NSPCL	2.79
38	RENEW_BHUJ	2.21
39	NPGC	1.46
40	GIWEL_TCN	1.43
41	SPRING_PUGALUR	1.36
42	MAITHON POWER LTD	1.15
43	IL&FS	1.09
44	DGEN MEGA POWER	1.00
45	NETCL VALLUR	0.99
46	ACME_RUMS	0.78
47	SBG_PVGD	0.66
48	TATA_SLR	0.61
49	BETAM_TCN	0.60
50	RAIL	0.57
51	LANKO KONDAPALLI	0.57
52	RENEW_BHACHAU	0.53
53	SIMHAPURI	0.49
54	NTPC_ANTP	0.43
55	KREDL_PVGD	0.34
56	SHREE CEMENT	0.30
57	RANGIT HEP	0.20
58	AZURE_ANTP	0.17
59	HVDC PUS	0.15
60	HVDC CHAMPA	0.15
61	SB_SLR	0.11

62	RENEW_PVGD	0.10
63	NFF	0.09
64	HVDC RAIGARH	0.02
65	HVDC ALPD	-0.005
66	AKS_PVGD	-0.01
67	DCPP	-0.01
68	BHADRAVATHI HVDC	-0.03
69	AVAADA2_PVGD	-0.04
70	DOYANG HEP	-0.14
71	MAHINDRA_RUMS	-0.14
72	YARROW_PVGD	-0.18
73	RGPPL_Others	-0.22
74	AHSP_ANTP	-0.23
75	FRV_ANTP	-0.23
76	FORTUM1_PVGD	-0.27
77	TATA_PVGD	-0.27
78	AKSP_ANTP	-0.30
79	VINDHYACHAL HVDC	-0.33
80	LOKTAK	-0.34
81	TEHRI	-0.34
82	FRV_NPK	-0.42
83	ARINSUM_RUMS	-0.43
84	ABSP_ANTP	-0.47
85	RAP B	-0.48
86	SBG_NPK	-0.50
87	RENEW_SLR	-0.50
88	ARS_PVGD	-0.54
89	PARE HEP	-0.54
90	ADY3_PVGD	-0.58
91	DHARIWAL POWER	-0.64
92	AZURE43_SLR	-0.65
93	ADY13_PVGD	-0.66
94	ADY6_PVGD	-0.66
95	TATA_ANTP	-0.67
96	ADY1_PVGD	-0.78
97	MANGDECHU HEP	-0.85
98	ADY2_PVGD	-0.88
99	AVAADA1_PVGD	-0.90
100	ADY10_PVGD	-0.99
101	CLEAN_SLR	-1.04
102	ACBIL	-1.20
103	RGPPL_IR	-1.29
104	KOTESHWAR	-1.54
105	RENEW_SLR_BKN	-1.55
106	AZURE_PVGD	-1.62
107	RANGANADI HEP	-1.64
108	AZURE_SLR	-1.86
109	PARAM_PVGD	-2.00
110	ORANGE_TCN	-2.25
111	AZURE34_SLR	-2.26
112	TEESTA HEP	-2.37
113	NJPC	-2.86
114	MTPS II	-2.87
115	INOX_BHUJ	-2.93
116	FORTUM2_PVGD	-3.22
117	BARC	-3.27
118	ALFANAR_BHUJ	-3.41
119	OSTRO	-3.42
120	SPRNG_NPKUNTA	-3.47
121	AYANA_NPKUNTA	-3.90
122	RAMPUR HEP	-4.91
123	MIZORAM	-4.96
124	NTPC STATIONS-WR	-5.33
125	ACME_SLR	-5.49
126	LANCO BUDHIL	-5.52
127	NTPL	-6.45

128	UTTARAKHAND	-7.83
129	GIWEL_BHUI	-8.56
130	ARERJL_SLR	-9.71
131	CHUZACHEN HEP	-10.19
132	KURICHU HEP	-11.11
133	LANKO_AMK	-11.17
134	TRN ENERGY	-11.35
135	ASEJTL_SLR	-12.16
136	BBMB	-13.06
137	NTPC STATIONS-NER	-15.04
138	TRIPURA	-15.59
139	MANIPUR	-17.06
140	SIKKIM	-17.64
141	KSK MAHANADI	-19.23
142	SPECTRUM	-25.95
143	ONGC PALATANA	-26.97
144	CHANDIGARH	-29.62
145	MRPL	-30.25
146	MARUTI COAL	-31.10
147	GMR KAMALANGA	-34.54
148	COASTGEN	-34.61
149	MEGHALAYA	-34.79
150	NTPC STATIONS-SR	-37.90
151	ARUNACHAL PRADESH	-40.30
152	TASHIDENG HEP	-45.30
153	SINGOLI BHATWARI HEP	-50.63
154	DAGACHU	-51.65
155	JORETHANG	-51.97
156	KARCHAM WANGTOO	-55.70
157	SAINJ HEP	-61.64
158	SASAN UMPP	-62.32
159	CHHATTISGARH	-66.01
160	EMCO	-69.31
161	DIKCHU HEP	-73.57
162	JHABUA POWER_MP	-75.87
163	KERALA	-82.73
164	WEST BENGAL	-83.92
165	AD HYDRO	-91.14
166	BALCO	-91.86
167	NHPC STATIONS	-92.74
168	CHUKHA HEP	-101.12
169	RKM POWER	-107.83
170	MEENAKSHI	-127.98
171	ADHUNIK POWER LTD	-137.20
172	SKS POWER	-138.10
173	DVC	-145.29
174	NLC	-147.23
175	NEEPCO STATIONS	-174.27
176	JINDAL STAGE-II	-181.79
177	ESSAR POWER	-231.70
178	MB POWER	-284.36
179	JINDAL POWER	-290.39
180	REGL	-292.47
181	JAYPEE NIGRIE	-391.79
182	DB POWER	-399.41
183	KARNATAKA	-461.98
184	JITPL	-475.76
185	J & K	-530.28
186	SEBPCORP	-617.62
187	TEESTA STG3	-700.52
188	MP	-739.19
189	RPREL	-745.12
190	HIMACHAL PRADESH	-908.67
* Total volume of net short-term transactions of electricity includes net of transactions of electricity through bilateral, power exchange and UI		
(-) indicates sale and (+) indicates purchase		

Table-21: DETAILS OF CONGESTION IN POWER EXCHANGES, JUNE 2021					
	Details of Congestion	Day Ahead Market		Real Time Market	
		IEX	PXIL	IEX	PXIL
A	Unconstrained Cleared Volume (MU)	4316.52	21.91	1729.66	0.00
B	Actual Cleared Volume and hence scheduled (MU)	4314.17	21.91	1725.70	0.00
C	Volume of electricity that could not be cleared and hence not scheduled because of congestion (MU)	0.00	0.00	3.97	0.00
D	Volume of electricity that could not be cleared and hence not scheduled because of reasons other than congestion (MU) *	2.35	0.00	0.00	0.00
E	Volume of electricity that could not be cleared as % to Unconstrained Cleared Volume	0.05%	0.00%	0.23%	0.00%
F	Percentage of the time congestion occurred during the month (Number of hours congestion occurred/Total number of hours in the month)	0.00%	0.00%	6.46%	0.00%
G	Congestion occurrence (%) time block wise				
	0.00 - 6.00 hours	0.00%	0.00%	14.52%	0.00%
	6.00 - 12.00 hours	0.00%	0.00%	31.72%	0.00%
	12.00 - 18.00 hours	0.00%	0.00%	44.09%	0.00%
	18.00 - 24.00 hours	0.00%	0.00%	9.68%	0.00%
<i>*Curtailed of 1.1745 MU on 25th June 2021 and 1.1754 MU on 26th June 2021 in DAM</i>					
<i>Source: IEX, PXIL & NLDC</i>					

**Table-22: VOLUME OF SHORT-TERM TRANSACTIONS OF ELECTRICITY IN INDIA
(DAY-WISE) (MU), JUNE 2021**

Date	Bilateral		Day Ahead Market [#]		Real Time Market [#]		Deviation Settlement (Over Drawl+Under Generation)	Total Electricity Generation (MU)*
	Through Traders and PXs**	Direct	IEX	PXIL	IEX	PXIL		
1-Jun-21	170.90	31.16	150.57	0.43	67.29	0.00	83.36	3232.16
2-Jun-21	162.88	34.63	172.97	0.27	54.87	0.00	71.37	3406.09
3-Jun-21	177.91	41.52	161.27	0.50	51.46	0.00	71.76	3499.14
4-Jun-21	174.12	41.36	164.26	0.45	58.24	0.00	73.71	3581.82
5-Jun-21	170.77	40.01	159.71	1.42	46.49	0.00	68.37	3490.99
6-Jun-21	172.01	36.48	123.09	0.49	59.05	0.00	65.71	3422.35
7-Jun-21	162.45	42.74	145.25	0.83	59.70	0.00	66.22	3521.39
8-Jun-21	152.34	45.41	146.69	0.00	61.72	0.00	66.70	3538.46
9-Jun-21	168.77	43.75	138.03	0.00	55.05	0.00	68.65	3514.03
10-Jun-21	166.83	51.65	137.94	0.64	50.93	0.00	78.82	3473.52
11-Jun-21	167.22	50.97	154.04	0.36	48.05	0.00	74.54	3345.68
12-Jun-21	165.58	47.31	122.63	0.44	57.10	0.00	74.51	3314.43
13-Jun-21	175.75	47.52	120.62	0.32	61.10	0.00	81.49	3164.37
14-Jun-21	178.35	47.30	116.34	0.33	71.19	0.00	72.74	3397.74
15-Jun-21	193.01	43.22	135.88	0.41	52.99	0.00	74.82	3370.36
16-Jun-21	191.75	60.07	151.35	0.64	49.17	0.00	75.75	3404.20
17-Jun-21	194.61	53.64	159.97	1.78	63.45	0.00	76.03	3465.41
18-Jun-21	201.58	49.58	168.31	1.74	57.43	0.00	72.44	3471.59
19-Jun-21	205.41	50.17	162.73	1.33	56.06	0.00	72.18	3350.26
20-Jun-21	202.35	45.65	130.07	1.03	56.18	0.00	76.25	3166.41
21-Jun-21	197.09	45.16	151.75	1.26	63.66	0.00	77.28	3511.88
22-Jun-21	201.96	53.06	172.58	1.56	79.96	0.00	70.32	3759.46
23-Jun-21	226.00	57.51	161.23	2.07	60.15	0.00	72.41	3897.49
24-Jun-21	236.84	57.65	154.21	1.52	52.15	0.00	82.67	3725.91
25-Jun-21	222.23	54.95	121.34	0.17	44.84	0.00	70.61	3697.57
26-Jun-21	208.21	66.87	111.91	0.11	49.61	0.00	72.77	3676.11
27-Jun-21	189.14	65.23	112.38	0.14	49.28	0.00	66.07	3777.21
28-Jun-21	197.82	66.32	135.51	0.84	50.20	0.00	73.35	3997.80
29-Jun-21	211.75	66.70	131.82	0.23	75.61	0.00	69.85	4136.03
30-Jun-21	226.04	70.18	139.73	0.63	62.74	0.00	78.81	4095.35
Total	5671.66	1507.78	4314.17	21.91	1725.70	0.00	2199.60	106405.21

Source: NLDC

* As per data available on CEA Website. Gross Electricity Generation excluding electricity generation from renewables and captive power plants.

** The volume of bilateral through PXs represents the volume through term-ahead contracts.

Scheduled volume of all the bid areas.

Table-23: PRICE OF SHORT-TERM TRANSACTIONS OF ELECTRICITY (DAY-WISE)(₹/kWh), JUNE 2021									
Market Segment	Day ahead market of IEX			Day ahead market of PXIL			Under Drawl/Over Drawl from the Grid (DSM)		
Date	Minimum ACP	Maximum ACP	Weighted Average Price*	Minimum ACP	Maximum ACP	Weighted Average Price*	All India Grid		
							Minimum Price	Maximum Price	Average Price**
1-Jun-21	2.04	7.19	3.25	2.99	3.51	3.02	0.00	8.00	3.26
2-Jun-21	2.22	7.00	3.24	2.99	3.99	3.32	0.00	7.40	3.27
3-Jun-21	2.37	6.21	3.33	2.99	3.99	3.38	0.00	8.00	4.21
4-Jun-21	2.50	7.55	3.62	2.99	3.75	3.24	0.00	6.62	2.93
5-Jun-21	2.00	8.30	3.80	2.99	3.99	3.37	0.00	8.00	2.81
6-Jun-21	1.25	5.58	2.99	2.99	3.99	3.40	0.00	7.03	2.66
7-Jun-21	1.71	6.10	2.98	2.99	3.99	3.39	0.00	7.36	2.73
8-Jun-21	1.10	4.90	2.88	-	-	-	0.00	7.34	2.77
9-Jun-21	1.20	5.08	2.86	-	-	-	0.00	8.00	2.66
10-Jun-21	1.00	5.70	2.90	2.27	4.80	3.17	0.00	5.33	1.59
11-Jun-21	2.00	7.00	3.34	2.27	3.99	3.42	0.00	7.09	2.92
12-Jun-21	1.71	3.78	2.30	2.00	3.32	2.67	0.00	6.92	2.48
13-Jun-21	0.60	3.24	2.20	2.00	2.99	2.41	0.00	6.51	1.98
14-Jun-21	1.50	3.56	2.22	2.06	2.99	2.43	0.00	8.00	2.76
15-Jun-21	2.00	3.99	2.49	2.00	2.99	2.94	0.00	7.31	2.21
16-Jun-21	2.00	4.60	2.65	2.03	3.24	2.57	0.00	6.99	2.41
17-Jun-21	2.00	5.50	2.75	2.11	3.63	3.11	0.00	6.33	2.64
18-Jun-21	2.00	5.50	2.98	2.00	3.99	3.11	0.00	8.00	3.28
19-Jun-21	2.00	5.50	2.88	2.00	3.99	3.29	0.00	6.37	2.29
20-Jun-21	1.58	5.50	2.73	2.00	3.99	3.47	0.00	8.00	2.10
21-Jun-21	2.00	5.65	2.87	2.00	3.99	3.18	0.00	8.00	4.32
22-Jun-21	2.32	6.50	3.35	2.00	4.60	3.33	0.00	8.00	4.20
23-Jun-21	2.37	8.50	4.01	2.99	5.99	3.82	0.00	8.00	3.50
24-Jun-21	2.60	8.66	4.10	2.44	6.00	3.89	0.00	8.00	2.49
25-Jun-21	2.22	5.65	3.22	2.76	5.95	4.74	0.00	6.50	1.92
26-Jun-21	2.09	8.01	3.59	2.80	5.49	4.77	0.00	7.72	3.35
27-Jun-21	1.22	7.97	3.08	2.32	5.00	3.89	0.56	8.00	3.38
28-Jun-21	2.20	8.30	3.57	2.37	6.99	4.02	0.00	8.00	3.85
29-Jun-21	2.49	8.50	3.90	2.80	6.99	4.66	0.00	8.00	3.52
30-Jun-21	2.90	9.67	4.53	2.80	6.99	4.41	0.00	6.53	1.95
	0.60[#]	9.67[#]	3.17	2.00[#]	6.99[#]	3.39	0.00[#]	8.00[#]	2.88

Source: Data on price of PX transactions from IEX and PXIL and data on DSM Price from NLDC.

* Weighted average price computed based on Area Clearing Volume (ACV) and Area Clearing Price (ACP) for each hour of the day. Here, ACV and ACP represent the scheduled volume and weighted average price of all the bid areas of power exchanges.

** Simple average price of DSM of 96 time blocks of 15 minutes each in a day. DSM price includes Ceiling DSM Rate +40% additional DSM charge.

Maximum/Minimum in the month

Table-24: PRICE OF REAL TIME MARKET TRANSACTIONS OF ELECTRICITY (DAY-WISE) (₹/kWh), JUNE 2021						
Market Segment	Real Time market of IEX			Real Time market of PXIL		
Date	Minimum ACP	Maximum ACP	Weighted Average Price*	Minimum ACP	Maximum ACP	Weighted Average Price*
1-Jun-21	0.99	4.00	2.38	--	--	--
2-Jun-21	2.10	5.00	3.21	--	--	--
3-Jun-21	2.20	8.10	3.65	--	--	--
4-Jun-21	2.50	8.10	4.20	--	--	--
5-Jun-21	0.90	4.50	2.84	--	--	--
6-Jun-21	1.00	4.85	2.85	--	--	--
7-Jun-21	1.40	4.64	2.89	--	--	--
8-Jun-21	1.50	4.07	2.81	--	--	--
9-Jun-21	1.50	6.50	3.02	--	--	--
10-Jun-21	1.50	3.35	2.41	--	--	--
11-Jun-21	0.50	4.20	2.22	--	--	--
12-Jun-21	0.50	3.50	2.26	--	--	--
13-Jun-21	0.49	3.15	1.55	--	--	--
14-Jun-21	1.35	4.66	2.70	--	--	--
15-Jun-21	1.00	3.91	2.35	--	--	--
16-Jun-21	0.50	3.54	2.35	--	--	--
17-Jun-21	1.50	4.70	2.75	--	--	--
18-Jun-21	1.73	11.91	2.99	--	--	--
19-Jun-21	1.93	4.20	2.83	--	--	--
20-Jun-21	1.20	3.49	2.44	--	--	--
21-Jun-21	2.00	13.00	3.96	--	--	--
22-Jun-21	2.77	9.50	4.61	--	--	--
23-Jun-21	2.33	6.50	3.75	--	--	--
24-Jun-21	0.60	12.41	2.78	--	--	--
25-Jun-21	1.40	12.18	2.62	--	--	--
26-Jun-21	1.50	3.68	2.52	--	--	--
27-Jun-21	1.50	6.09	2.86	--	--	--
28-Jun-21	0.50	11.00	4.53	--	--	--
29-Jun-21	3.03	12.02	5.71	--	--	--
30-Jun-21	1.70	11.58	4.70	--	--	--
	0.49[#]	13.00[#]	3.15	--	--	--

Source: IEX and PXIL

* Weighted average price computed based on Area Clearing Volume (ACV) and Area Clearing Price (ACP) for each hour of the day. Here, ACV and ACP represent the scheduled volume and weighted average price of all the bid areas of power exchanges.

Maximum/Minimum in the month

Table-25: VOLUME OF SHORT-TERM TRANSACTIONS OF ELECTRICITY (REGIONAL ENTITY*-WISE) (MU), JUNE 2021

Name of the Entity	Through Bilateral			Through Power Exchange (DAM + RTM)			Through DSM with Regional Grid			Total Net***
	Sale	Purchase	Net**	Sale	Purchase	Net**	Import (Over Drawl)	Export (Under Drawl)	Net**	
PUNJAB	0.00	1459.69	1459.69	8.52	487.31	478.80	30.97	104.23	-73.26	1865.23
HARYANA	1.79	998.01	996.22	25.21	404.88	379.67	54.06	78.28	-24.22	1351.66
RAJASTHAN	142.04	155.52	13.48	89.84	471.56	381.72	130.62	67.26	63.37	458.56
DELHI	0.00	1081.52	1081.52	269.50	181.30	-88.19	19.13	45.87	-26.75	966.57
UP	2.79	700.37	697.58	448.04	203.14	-244.91	72.93	108.56	-35.63	417.05
UTTARAKHAND	105.30	6.97	-98.33	0.40	74.02	73.62	32.97	16.09	16.88	-7.83
HIMACHAL P	557.89	0.00	-557.89	417.12	37.50	-379.62	36.92	8.09	28.83	-908.67
J & K	289.47	0.00	-289.47	241.60	6.46	-235.13	35.77	41.44	-5.67	-530.28
CHANDIGARH	0.00	0.00	0.00	27.18	0.66	-26.52	5.40	8.50	-3.10	-29.62
MP	564.24	116.20	-448.04	324.56	77.13	-247.43	42.65	86.37	-43.72	-739.19
MAHARASHTRA	7.06	82.54	75.48	74.33	793.48	719.14	61.71	77.58	-15.87	778.75
GUJARAT	90.56	834.60	744.04	56.67	869.11	812.43	62.63	88.11	-25.48	1531.00
CHHATTISGARH	5.40	100.13	94.73	166.49	6.20	-160.30	26.63	27.07	-0.44	-66.01
GOA	20.06	51.07	31.01	31.64	5.16	-26.48	6.52	8.15	-1.63	2.90
DAMAN AND DIU	0.00	10.96	10.96	0.00	13.57	13.57	7.03	1.76	5.28	29.80
DADRA & NAGAR HA	0.00	63.90	63.90	0.06	71.03	70.97	8.14	2.68	5.46	140.33
ANDHRA P	19.71	11.71	-8.00	13.91	921.21	907.30	81.41	39.66	41.75	941.05
KARNATAKA	306.73	3.37	-303.36	203.43	58.72	-144.71	32.61	46.52	-13.91	-461.98
KERALA	17.92	0.00	-17.92	171.96	38.44	-133.51	91.81	23.11	68.70	-82.73
TAMIL NADU	268.69	241.90	-26.79	37.31	339.65	302.34	30.38	65.03	-34.65	240.91
PONDICHERRY	0.00	0.00	0.00	0.00	0.00	0.00	86.56	8.25	78.31	78.31
TELANGANA	128.19	11.01	-117.18	46.44	525.63	479.20	1.41	69.70	-68.29	293.73
WEST BENGAL	30.09	305.46	275.36	436.83	51.28	-385.55	52.30	26.02	26.27	-83.92
ODISHA	18.73	313.98	295.26	312.17	52.81	-259.35	37.91	28.24	9.66	45.56
BIHAR	0.33	155.13	154.80	143.36	130.64	-12.72	49.78	50.27	-0.49	141.59
JHARKHAND	0.30	121.83	121.53	39.36	32.22	-7.14	17.47	22.63	-5.16	109.23
SIKKIM	61.51	48.05	-13.46	12.50	1.62	-10.88	8.62	1.92	6.71	-17.64
DVC	138.97	4.53	-134.44	15.57	1.79	-13.78	25.55	22.61	2.94	-145.29
ARUNACHAL P	27.02	0.19	-26.84	13.83	0.30	-13.53	5.52	5.46	0.07	-40.30
ASSAM	0.00	8.02	8.02	92.37	117.54	25.17	22.56	8.47	14.09	47.28
MANIPUR	29.32	0.00	-29.32	2.95	15.99	13.04	1.83	2.62	-0.79	-17.06
MEGHALAYA	16.00	1.18	-14.82	18.96	3.43	-15.53	2.08	6.51	-4.43	-34.79
MIZORAM	0.00	0.00	0.00	4.46	0.00	-4.46	1.84	2.34	-0.50	-4.96
NAGALAND	1.25	0.00	-1.25	1.08	7.84	6.76	0.46	3.02	-2.56	2.95
TRIPURA	0.00	0.00	0.00	11.20	1.11	-10.10	3.89	9.39	-5.50	-15.59
NTPC STNS-NR	0.00	0.00	0.00	3.93	0.00	-3.93	81.22	52.55	28.67	24.74
NHPC STNS	0.00	0.00	0.00	0.00	0.00	0.00	13.50	106.23	-92.74	-92.74
NFF	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.29	0.09	0.09
RAIL	0.00	0.00	0.00	0.00	0.00	0.00	5.03	4.46	0.57	0.57
NEP	0.00	25.49	25.49	0.00	0.00	0.00	7.70	1.53	6.16	31.65
NAPP	0.00	0.00	0.00	0.00	0.00	0.00	5.02	1.16	3.86	3.86
RAP B	0.00	0.00	0.00	0.00	0.00	0.00	2.44	2.92	-0.48	-0.48
NJPC	0.00	0.00	0.00	0.00	0.00	0.00	4.26	7.12	-2.86	-2.86
TEHRI	0.00	0.00	0.00	0.00	0.00	0.00	1.88	2.22	-0.34	-0.34
BBMB	0.00	0.00	0.00	0.00	0.00	0.00	2.37	15.42	-13.06	-13.06
RAP C	0.00	0.00	0.00	0.00	0.00	0.00	4.55	0.48	4.07	4.07
AD HYDRO	50.85	0.00	-50.85	44.67	0.00	-44.67	7.52	3.14	4.38	-91.14
IGSTPS	0.00	0.00	0.00	0.00	0.00	0.00	7.25	0.76	6.49	6.49
KOTESHWAR	0.00	0.00	0.00	0.00	0.00	0.00	0.28	1.82	-1.54	-1.54
KARCHAM WANGTO	0.00	0.00	0.00	46.84	0.00	-46.84	5.58	14.44	-8.86	-55.70
SHREE CEMENT	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.14	0.30	0.30
LANCO BUDHIL	0.00	0.00	0.00	5.29	0.00	-5.29	0.29	0.52	-0.23	-5.52
RAMPUR HEP	0.00	0.00	0.00	0.00	0.00	0.00	0.85	5.77	-4.91	-4.91
SAINJ HEP	7.50	0.00	-7.50	53.38	0.00	-53.38	1.13	1.89	-0.76	-61.64
RENEW_SLR	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.97	-0.50	-0.50
AZURE_SLR	0.00	0.00	0.00	0.00	0.00	0.00	1.15	3.01	-1.86	-1.86
SB_SLR	0.00	0.00	0.00	0.00	0.00	0.00	1.70	1.59	0.11	0.11
ACME_SLR	0.00	0.00	0.00	0.00	0.00	0.00	0.86	6.35	-5.49	-5.49
AZURE34_SLR	0.00	0.00	0.00	0.00	0.00	0.00	0.91	3.17	-2.26	-2.26
TATA_SLR	0.00	0.00	0.00	0.00	0.00	0.00	1.97	1.36	0.61	0.61

RENEW_SLR_BKN	0.00	0.00	0.00	0.00	0.00	0.00	2.66	4.21	-1.55	-1.55
CLEAN_SLR	0.00	0.00	0.00	0.00	0.00	0.00	3.13	4.17	-1.04	-1.04
ARERJL_SLR	7.72	0.00	-7.72	0.00	0.00	0.00	1.61	3.60	-1.99	-9.71
ASEJTL_SLR	13.07	0.00	-13.07	0.00	0.00	0.00	1.25	0.34	0.91	-12.16
SINGOLI BHATWARI	0.00	0.00	0.00	48.23	0.00	-48.23	3.57	5.97	-2.40	-50.63
AZURE43_SLR	0.00	0.00	0.00	0.00	0.00	0.00	2.54	3.20	-0.65	-0.65
MRPL	30.25	0.00	-30.25	0.00	0.00	0.00	0.00	0.00	0.00	-30.25
NTPC STNS-WR	0.00	0.00	0.00	16.43	0.00	-16.43	88.72	77.61	11.10	-5.33
BHADRAVATHI HVDC	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.05	-0.03	-0.03
VINDHYACHAL HVDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	-0.33	-0.33
JINDAL POWER	161.87	0.00	-161.87	123.72	0.15	-123.58	1.82	6.77	-4.95	-290.39
LANKO_AMK	7.41	0.00	-7.41	0.00	0.00	0.00	0.40	4.16	-3.76	-11.17
NSPCL	0.00	0.00	0.00	0.00	0.00	0.00	4.16	1.37	2.79	2.79
ACBIL	0.00	0.00	0.00	0.00	0.00	0.00	2.35	3.55	-1.20	-1.20
BALCO	99.99	0.00	-99.99	6.46	0.00	-6.46	16.62	2.03	14.59	-91.86
RGPPL	0.00	0.00	0.00	3.10	0.00	-3.10	21.15	3.47	17.68	14.58
CGPL	0.00	0.00	0.00	0.33	0.00	-0.33	12.40	1.73	10.68	10.35
DCPP	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	-0.01	-0.01
EMCO	0.00	0.00	0.00	75.03	0.00	-75.03	8.91	3.19	5.72	-69.31
KSK MAHANADI	20.99	0.00	-20.99	1.27	0.00	-1.27	3.73	0.71	3.02	-19.23
ESSAR POWER	181.98	0.00	-181.98	48.03	0.00	-48.03	1.90	3.59	-1.69	-231.70
JINDAL STAGE-II	161.00	0.00	-161.00	21.06	0.00	-21.06	6.39	6.12	0.26	-181.79
DB POWER	333.87	0.00	-333.87	76.42	0.00	-76.42	12.95	2.08	10.87	-399.41
DHARIWAL POWER	0.00	0.00	0.00	0.61	0.00	-0.61	1.97	1.99	-0.03	-0.64
JAYPEE NIGRIE	338.48	0.00	-338.48	52.33	0.00	-52.33	4.19	5.17	-0.98	-391.79
DGEN MEGA POWER	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	1.00
MB POWER	120.47	0.00	-120.47	172.10	0.00	-172.10	15.35	7.14	8.21	-284.36
MARUTI COAL	0.00	0.00	0.00	32.49	1.39	-31.10	0.00	0.00	0.00	-31.10
SPECTRUM	0.00	0.00	0.00	26.12	0.17	-25.95	0.00	0.00	0.00	-25.95
JHABUA POWER_MP	42.34	0.00	-42.34	37.75	0.33	-37.43	7.30	3.40	3.90	-75.87
SASAN UMP	0.00	0.00	0.00	18.62	0.00	-18.62	1.21	44.91	-43.70	-62.32
TRN ENERGY	6.82	0.00	-6.82	2.82	0.00	-2.82	0.55	2.26	-1.71	-11.35
RKM POWER	70.25	0.00	-70.25	37.70	0.00	-37.70	2.97	2.85	0.13	-107.83
SKS POWER	141.53	0.00	-141.53	0.60	0.00	-0.60	5.08	1.04	4.03	-138.10
BARC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.27	-3.270	-3.270
KAPP 3&4	0.00	0.00	0.00	0.00	0.00	0.00	13.94	0.00	13.93	13.93
HVDC CHAMPA	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.08	0.15	0.15
MAHINDRA_RUMS	0.00	0.00	0.00	0.00	0.00	0.00	5.33	5.47	-0.14	-0.14
ARINSUM_RUMS	0.00	0.00	0.00	0.00	0.00	0.00	4.82	5.25	-0.43	-0.43
OSTRO	0.00	0.00	0.00	0.00	0.00	0.00	6.02	9.43	-3.42	-3.42
ACME_RUMS	0.00	0.00	0.00	0.00	0.00	0.00	5.92	5.14	0.78	0.78
RENEW_BHACHAU	0.00	0.00	0.00	0.00	0.00	0.00	8.54	8.01	0.53	0.53
GIWEL_BHUJ	0.00	0.00	0.00	0.00	0.00	0.00	10.16	18.71	-8.56	-8.56
INOX_BHUJ	0.00	0.00	0.00	0.00	0.00	0.00	5.34	8.27	-2.93	-2.93
AGEMPL BHUJ	0.00	0.00	0.00	0.00	0.00	0.00	15.15	10.59	4.56	4.56
REGL	292.44	0.00	-292.44	0.04	0.00	-0.04	0.00	0.00	0.00	-292.47
RPREL	753.42	0.00	-753.42	3.33	0.00	-3.33	13.99	2.37	11.63	-745.12
AMPS Hazira	0.00	65.68	65.68	0.00	7.19	7.19	18.96	21.72	-2.77	70.10
HVDC RAIGARH	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.05	0.02	0.02
RGPPL_IR	0.00	0.00	0.00	1.29	0.00	-1.29	0.00	0.00	0.00	-1.29
RGPPL_Others	0.00	0.00	0.00	0.22	0.00	-0.22	0.00	0.00	0.00	-0.22
ALFANAR_BHUJ	0.00	0.00	0.00	0.00	0.00	0.00	5.51	8.92	-3.41	-3.41
RENEW_BHUJ	0.00	0.00	0.00	0.00	0.00	0.00	9.18	6.97	2.21	2.21
NTPC STNS-SR	0.00	0.00	0.00	37.16	0.00	-37.16	26.48	27.23	-0.74	-37.90
LANKO KONDAPALL	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.00	0.57	0.57
SIMHAPURI	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.49	0.49
MEENAKSHI	133.85	0.00	-133.85	1.05	0.00	-1.05	7.04	0.11	6.93	-127.98
COASTGEN	41.61	0.00	-41.61	0.00	0.00	0.00	7.86	0.87	7.00	-34.61
THERMAL POWERTE	0.00	0.00	0.00	0.00	0.00	0.00	13.09	1.15	11.94	11.94
IL&FS	0.04	0.00	-0.04	2.01	0.00	-2.01	3.41	0.26	3.14	1.09
NLC	0.00	0.00	0.00	152.60	0.00	-152.60	35.10	29.73	5.37	-147.23
SEMBCORP	292.06	0.00	-292.06	325.00	0.00	-325.00	2.57	3.13	-0.56	-617.62
NETCL VALLUR	0.00	0.00	0.00	0.00	0.00	0.00	5.01	4.03	0.99	0.99
NTPL	0.00	0.00	0.00	3.25	0.00	-3.25	1.47	4.67	-3.20	-6.45
AHSP_ANTP	0.00	0.00	0.00	0.00	0.00	0.00	0.86	1.08	-0.23	-0.23
AKSP_ANTP	0.00	0.00	0.00	0.00	0.00	0.00	0.82	1.12	-0.30	-0.30
ABSP_ANTP	0.00	0.00	0.00	0.00	0.00	0.00	0.78	1.25	-0.47	-0.47
AZURE_ANTP	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.76	0.17	0.17

TATA_ANTP	0.00	0.00	0.00	0.00	0.00	0.00	1.38	2.05	-0.67	-0.67
FRV_ANTP	0.00	0.00	0.00	0.00	0.00	0.00	0.82	1.06	-0.23	-0.23
NTPC_ANTP	0.00	0.00	0.00	0.00	0.00	0.00	3.42	2.99	0.43	0.43
GIWEL_TCN	0.00	0.00	0.00	0.00	0.00	0.00	10.09	8.66	1.43	1.43
MYTRAH_TCN	0.00	0.00	0.00	0.00	0.00	0.00	9.49	4.43	5.07	5.07
FRV_NPK	0.00	0.00	0.00	0.00	0.00	0.00	0.84	1.26	-0.42	-0.42
ORANGE_TCN	0.00	0.00	0.00	0.00	0.00	0.00	6.95	9.20	-2.25	-2.25
BETAM_TCN	0.00	0.00	0.00	0.00	0.00	0.00	8.18	7.58	0.60	0.60
SBG_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	4.02	3.36	0.66	0.66
SBG_NPK	0.00	0.00	0.00	0.00	0.00	0.00	4.66	5.16	-0.50	-0.50
FORTUM1_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	1.57	1.84	-0.27	-0.27
PARAM_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	1.97	3.97	-2.00	-2.00
YARROW_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.88	1.06	-0.18	-0.18
TATA_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	6.96	7.23	-0.27	-0.27
RENEW_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	1.19	1.09	0.10	0.10
AKS_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.96	-0.01	-0.01
ARS_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.67	1.21	-0.54	-0.54
AVAADA1_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	1.73	2.63	-0.90	-0.90
ADY1_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.55	1.33	-0.78	-0.78
ADY2_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.51	1.39	-0.88	-0.88
ADY13_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.53	1.19	-0.66	-0.66
ADY3_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.67	1.25	-0.58	-0.58
ADY6_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.64	1.30	-0.66	-0.66
ADY10_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.47	1.46	-0.99	-0.99
AZURE_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.98	2.59	-1.62	-1.62
FORTUM2_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	2.25	5.48	-3.22	-3.22
AVAADA2_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	2.24	2.29	-0.04	-0.04
KREDL_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.58	0.34	0.34
AYANA_NPKUNTA	0.00	0.00	0.00	0.00	0.00	0.00	1.82	5.72	-3.90	-3.90
SPRNG_NPKUNTA	0.00	0.00	0.00	0.00	0.00	0.00	2.57	6.04	-3.47	-3.47
SPRING_PUGALUR	0.00	0.00	0.00	0.00	0.00	0.00	4.83	3.47	1.36	1.36
NTPC STNS-ER	0.00	0.00	0.00	11.67	0.00	-11.67	64.70	26.64	38.06	26.38
MAITHON POWER LT	0.00	0.00	0.00	0.00	0.00	0.00	6.16	5.01	1.15	1.15
NPGC	0.00	0.00	0.00	0.00	0.00	0.00	4.39	2.93	1.46	1.46
ADHUNIK POWER LT	122.23	0.00	-122.23	16.40	0.00	-16.40	5.24	3.81	1.43	-137.20
CHUZACHEN HEP	0.00	0.00	0.00	10.02	0.00	-10.02	0.80	0.97	-0.17	-10.19
RANGIT HEP	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.79	0.20	0.20
GMR KAMALANGA	0.00	0.00	0.00	31.92	0.00	-31.92	2.77	5.38	-2.62	-34.54
JITPL	438.48	0.00	-438.48	36.81	0.00	-36.81	1.96	2.43	-0.47	-475.76
TEESTA HEP	0.00	0.00	0.00	0.00	0.00	0.00	1.53	3.89	-2.37	-2.37
DAGACHU	60.42	0.00	-60.42	0.00	0.00	0.00	10.65	1.88	8.77	-51.65
JORETHANG	5.76	0.00	-5.76	51.81	0.96	-50.85	5.25	0.61	4.64	-51.97
NEPAL(NVVN)	0.00	66.58	66.58	0.00	42.89	42.89	17.83	3.69	14.14	123.61
BANGLADESH	0.00	133.85	133.85	0.00	0.00	0.00	3.80	1.93	1.87	135.72
HVDC PUS	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.15	0.15
TEESTA STG3	251.74	0.00	-251.74	462.17	5.31	-456.86	9.46	1.38	8.08	-700.52
DIKCHU HEP	57.61	0.00	-57.61	15.30	0.00	-15.30	1.99	2.65	-0.66	-73.57
HVDC ALPD	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.07	0.00	0.00
TASHIDENG HEP	5.06	0.00	-5.06	44.67	0.66	-44.01	5.55	1.77	3.77	-45.30
BRBCL,NABINAGAR	0.00	0.00	0.00	0.00	0.00	0.00	9.71	4.55	5.17	5.17
MTPS II	0.00	0.00	0.00	0.00	0.00	0.00	3.62	6.49	-2.87	-2.87
TALA HEP	0.00	0.00	0.00	0.00	0.00	0.00	154.42	0.40	154.01	154.01
CHUKHA HEP	0.00	0.00	0.00	0.00	0.00	0.00	0.04	101.16	-101.12	-101.12
KURICHU HEP	0.00	0.00	0.00	0.00	0.00	0.00	1.45	12.56	-11.11	-11.11
MANGDECHU HEP	0.00	0.00	0.00	0.00	0.00	0.00	10.17	11.02	-0.85	-0.85
NTPC STNS-NER	0.55	0.00	-0.55	21.45	0.00	-21.45	8.22	1.27	6.95	-15.04
NEEPCO STNS	66.58	0.00	-66.58	100.42	0.00	-100.42	3.02	10.29	-7.27	-174.27
RANGANADI HEP	0.00	0.00	0.00	0.00	0.00	0.00	0.61	2.25	-1.64	-1.64
DOYANG HEP	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.36	-0.14	-0.14
ONGC PALATANA	8.40	0.00	-8.40	19.01	0.00	-19.01	0.93	0.49	0.44	-26.97
LOKTAK	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.63	-0.34	-0.34
PARE HEP	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.87	-0.54	-0.54
<i>Source: NLDC</i>										
<i>* In case of a State, the entities which are "selling" also include generators connected to State grid and the entities which are "buying" also include open access consumers.</i>										
<i>** (-) indicates sale and (+) indicates purchase,</i>										
<i>*** Total net includes net of transactions through bilateral, power exchange and DSM</i>										