

Monthly Report on Short-term Transactions of Electricity in India

April, 2021



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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	Solenergi Rewa Ultra Mega 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	Doyang Hydro 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	Fortum Finnsurya Energy Private Ltd, Pavagada Project 1
FORTUM2_PVGD	Fortum Finnsurya 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	Alipurduar High Voltage Direct Current Link
HVDC CHAMPA	Champa-Kurukshetra High Voltage Direct Current Link
HVDC PUS	Pasauli High Voltage Direct Current Link
HVDC RAIGARH	Raigarh-Pugalur High 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	Jaypee Nigrie 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	Karcham Wangtoo H.E. Project
KORBA WEST POWER	Korba West Power Company Limited
KOTESHWAR	Koteshwar Hydro Power project
KREDL_PVGD	Karnataka Renewable Energy Development 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	Lanco Amarkantak Power Private Limited
LANKO BUDHIL	Lanco Budhil Hydro Power Private Limited
LANKOKONDAPALLY	Lanco Kondapally 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
MTPS II	Muzaffarpur Thermal Power Station – Stage II
MYTRAH_TCN	Mytrah Energy (India) Private Limited, Tuticorin
Mus	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	Nathpa Jhakri 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	Rangit Hydroelectric 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	Sembcorp Gayatri 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. As part of the market monitoring process, the monthly report on short-term transactions of electricity, is being prepared and posted on the website of CERC since August 2008. 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 objectives of the report are: (i) to observe the trends in volume and price of the short-term transactions of electricity; (ii) to analyse competition among the market players; (iii) to analyse 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 disclose/disseminate all relevant market information. The details of the report for the month of **April, 2021** are as under:

2. Volume of Short-term Transactions of Electricity

2.1. During April 2021, total electricity generation excluding generation from renewable and captive power plants in India was 115532.35 MUs (Table-1). Of the total electricity generation, 13.07% was transacted through short-term, comprising of 6.21% through Day Ahead Market (DAM) and Real Time Market (RTM) of power exchanges, followed by 5.21% through bilateral (through traders and term-ahead contracts on power exchanges and directly between distribution companies) and 1.64% through DSM (Table-1 & Figure-1).

2.2. Of the total short-term transactions (15097.08 MUs), the electricity transacted in DAM and RTM of power exchanges constitutes 47.54%, followed by 39.90% through bilateral (30.91% through traders and term-ahead contracts on power exchanges and 8.99% directly between distribution companies) and 12.56% through DSM (Table-1 & Figure-2). Daily volume of short-term transactions is shown in Table-21 & Figure-4.

2.3. Of the total volume of electricity transacted through power exchanges, 68.83% of the volume was transacted in DAM, followed by 17.78% in RTM and 13.39% in Term Ahead Market (TAM) (including G-TAM) (Figure-3).

2.4. The percentage share of electricity traded by each trading licensee in the total volume of electricity traded by all the trading licensees is provided 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 34 trading licensees as on April 2021. In April 2021, 23 trading licensees were engaged in short term trading. Top 5 trading licensees had a share of 84.58% in the total volume traded by all the licensees. These are PTC India Ltd., Adani Enterprises Ltd., NTPC Vidyut Vyapar Nigam Ltd., Tata Power Trading Company (P) Ltd. and Manikaran Power Ltd.

2.5. Herfindahl-Hirschman Index (HHI) 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 0.2296 for the month of April 2021, which indicates moderate concentration of market power (Table-2).

2.6. The volume of electricity transacted in the DAM of IEX and PXIL was 5699.22 MUs and 4.73 MUs respectively. The volume of total buy bids and sell bids was 6997.79 MUs and 8441.86 MUs respectively in IEX, while the same was 37.52 MUs and 88.67 MUs respectively in PXIL.

2.7. The volume of electricity transacted in the RTM of IEX was 1473.36 MUs. No electricity was transacted in the RTM of PXIL. The volume of total buy bids and sell bids was 2040.08 MUs and 2689.37 MUs 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 348.58 MUs and 576.73 MUs respectively (Table-7 & Table-8). The volume of electricity transacted in the Green Term Ahead Market (G-TAM) of IEX and PXIL was 178.33 MUs and 5.74 MUs 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 have been computed for the electricity transacted through traders and the sale prices were ₹2.50/kWh, ₹5.46/kWh and ₹3.20/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 ₹3.13/kWh, ₹4.29/kWh and ₹3.55/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 ₹2.30/kWh, ₹7.55/kWh and ₹3.75/kWh respectively. These prices in the DAM of PXIL were ₹1.99/kWh, ₹7.10/kWh and ₹3.94/kWh respectively (Table-5). The minimum, maximum and weighted average prices for the electricity transacted in the RTM of IEX were ₹1.00/kWh, ₹10.50/kWh and ₹3.55/kWh respectively (Table-6). The price of electricity transacted in the TAM of IEX and PXIL was ₹3.26/kWh and ₹3.76/kWh respectively (Table-7 and Table-8). The price of electricity transacted in the G-TAM of IEX and PXIL was ₹4.35/kWh and ₹4.71/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 and ₹8.00/kWh ₹3.56/kWh respectively (Table-11).

3.4. The prices of electricity transacted through trading licensees, power exchanges and DSM and their comparison is shown in Table-23 & 24, 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 upto 7 paise/kWh. The weighted average trading margin charged by the trading licensees for bilateral transactions during the month was ₹0.026/kWh.

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

5.1. Of the total bilateral transactions, top 5 regional entities sold 40.37 % of the volume, and these were Raipur Energen Limited, Gujarat, Jindal India Thermal Power Ltd., Diligent Power Pvt. Ltd. and Raigarh Energy Generation Limited. Top 5 regional entities purchased 53.25% of the volume, and these were Tamil Nadu, Gujarat, Telangana, Odisha and Andhra Pradesh (Table-12 & 13).

5.2. Of the total DAM transactions of power exchanges, top 5 regional entities sold 51.79% of the volume, and these were Uttar Pradesh, Madhya Pradesh, Rajasthan, Sembcorp Gayatri Power Ltd. and Delhi. Top 5 regional entities purchased 66.91% of the volume, and these were Andhra Pradesh, Gujarat, Telangana, Maharashtra and Tamil Nadu (Table-14 & 15).

5.3. Of the total RTM transactions of power exchanges, top 5 regional entities sold 51.73% of the volume, and these were Madhya Pradesh, Uttar Pradesh, Rajasthan, West Bengal and Chhattisgarh. Top 5 regional entities purchased 53.19% of the volume, and these were Jammu & Kashmir, Maharashtra, Andhra Pradesh, Telangana and Bihar (Table-16 & 17).

5.4. Of the total DSM transactions, top 5 regional entities under drew 27.12% of the volume, and these were Uttar Pradesh, Kakrapar Atomic Power Station Unit 3 & 4, NTPC Stations (Western Region), Rajasthan and Madhya Pradesh (Table-18). Top 5 regional entities overdrew 20.16% of the volume, and these were Bihar, Rajasthan, Tamil Nadu, Maharashtra and NTPC Stations (Western Region) (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 Uttar Pradesh, Raipur Energen Limited, Madhya Pradesh, Sembcorp Gayatri Power Ltd. and Jindal India Thermal Power Ltd. Top 5 electricity purchasing regional entities were Tamil Nadu, Andhra Pradesh, Gujarat, Maharashtra and Telangana.

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.

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

6.1. The 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. In the month of April 2021, congestion occurred in both DAM and RTM of IEX. There was no congestion on PXIL. The details of congestion are shown in Table-21. 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.

6.3. During the month, the volume of electricity that could not be cleared in DAM and RTM on IEX was 0.20% and 0.04% of the unconstrained cleared volume respectively. In terms of time, congestion occurred was 1.63% in the DAM and 0.49% in the RTM on IEX (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 Exchange 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 in the month of April 2021 as the scheduled trading was postponed by Hon'ble APTEL in matter of the CERC order 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 13.07%.
- (2) Of the total short-term transactions, the electricity transacted in DAM and RTM of power exchanges constitutes 47.54%, followed by 39.90% through bilateral (30.91% through traders and term-ahead contracts on power exchanges and 8.99% directly between distribution companies) and 12.56% through DSM.
- (3) Of the total volume of electricity transacted through power exchanges, 68.83% of the volume was transacted in DAM, followed by 17.78% in RTM and 13.39% in TAM (including G-TAM).
- (4) Top 5 trading licensees had a share of 84.58% 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 0.2296, indicating moderate concentration of market power.
- (6) The weighted average price of electricity transacted through trading licensees was ₹3.20/kWh.

- (7) The weighted average price of electricity transacted in the TAM of IEX and PXIL was ₹3.26/kWh and ₹3.76/kWh respectively. The weighted average price of electricity transacted in the G-TAM of IEX and PXIL was ₹4.35/kWh and ₹4.71/kWh respectively.
- (8) The weighted average price of electricity transacted in DAM of IEX and PXIL was ₹3.75/kWh and ₹3.94/kWh. The weighted average price of electricity transacted in RTM of IEX was ₹3.55/kWh. No electricity was transacted in the RTM of PXIL.
- (9) The average price of electricity transacted through DSM was ₹3.56/kWh.
- (10) The weighted average trading margin charged by the trading licensees for bilateral transactions was ₹0.026/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 Uttar Pradesh, Raipur Energen Limited, Madhya Pradesh, Sembcorp Gayatri Power Ltd. and Jindal India Thermal Power Ltd. Top 5 electricity purchasing regional entities were Tamil Nadu, Andhra Pradesh, Gujarat, Maharashtra and Telangana.
- (12) In the month of April 2021, congestion occurred in both DAM and RTM of IEX. During the month, the volume of electricity that could not be cleared in DAM and RTM on IEX was 0.20% and 0.04% of the unconstrained cleared volume respectively. In terms of time, congestion occurred was 1.63% in the DAM and 0.49% in the RTM on IEX.
- (13) There were no transactions of REC on both the power exchanges in the month of April 2021, 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), APRIL 2021				
Sr. No	Short-term transactions	Volume (MUs)	% to Volume of short-term transactions	% to Total Generation
1	Bilateral	6023.68	39.90	5.21
	(i) Through Traders and PXs	4666.18	30.91	4.04
	(ii) Direct	1357.49	8.99	1.17
2	Through Power Exchanges	7177.31	47.54	6.21
	(i) IEX			
	(a) DAM	5699.22	37.75	4.93
	(b) RTM	1473.36	9.76	1.28
	(ii)PXIL			
	(a) DAM	4.73	0.03	0.00
	(b) RTM	0.00	0.00	0.00
3	Through DSM	1896.09	12.56	1.64
	Total	15097.08	-	13.07
	Total Generation	115532.35	-	-

Source: NLDC

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

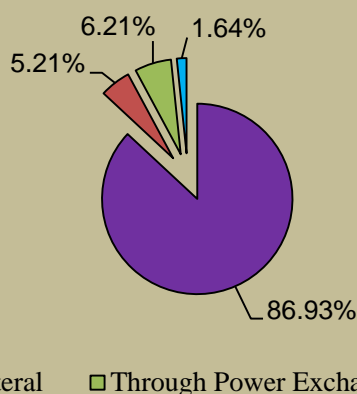


Figure-2: Volume of Short-term Transactions of Electricity, April 2021

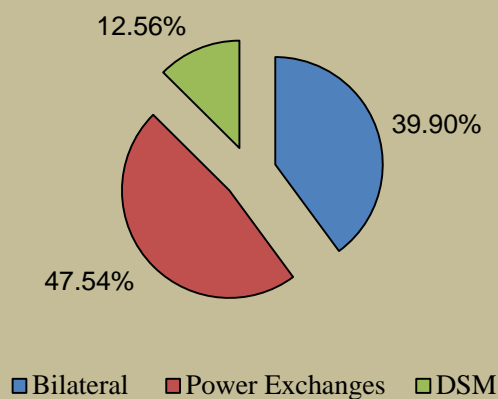


Figure-3: Volume transacted in different markets segments on Power Exchanges, April 2021

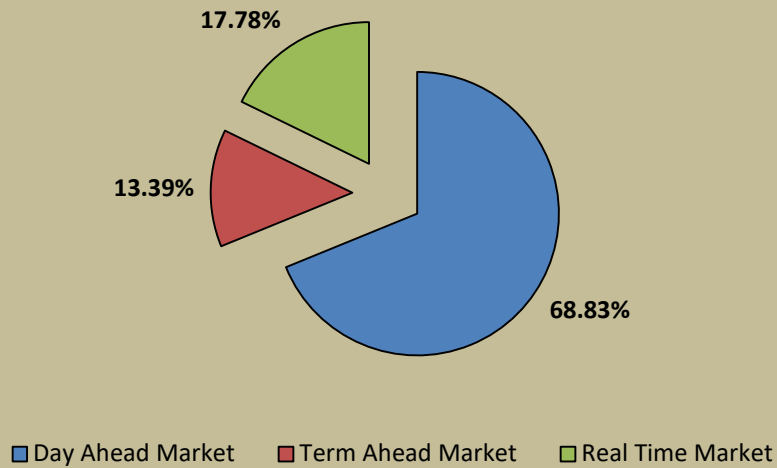


Figure-4: Volume of Short-term Transactions of Electricity, April 2021 (Day-wise)

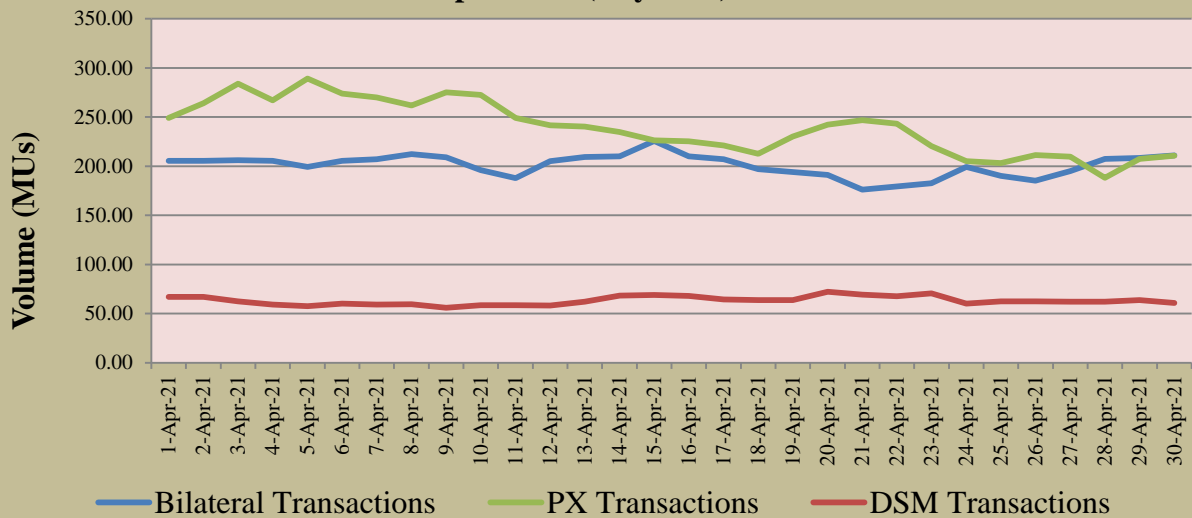


Table-2: PERCENTAGE SHARE OF ELECTRICITY TRANSACTED BY TRADING LICENSEES, APRIL 2021			
Sr.No	Name of the Trading Licensee	% Share in total Volume transacted by Trading Licensees	Herfindahl-Hirschman Index
1	PTC India Ltd.	42.41	0.1799
2	Adani Enterprises Ltd.	12.44	0.0155
3	NTPC Vidyut Vyapar Nigam Ltd.	11.90	0.0142
4	Tata Power Trading Company (P) Ltd.	10.85	0.0118
5	Manikaran Power Ltd.	6.98	0.0049
6	GMR Energy Trading Ltd.	4.08	0.0017
7	Arunachal Pradesh Power Corporation (P) ltd	2.87	0.0008
8	Kreate Energy (I) Pvt. Ltd.	2.17	0.0005
9	Knowledge Infrastructure Systems (P) Ltd	1.19	0.0001
10	JSW Power Trading Company Ltd	1.03	0.0001
11	Essar Electric Power Development Corp. Ltd.	0.96	0.0001
12	National Energy Trading & Services Ltd.	0.56	0.0000
13	RPG Power Trading Company Ltd.	0.52	0.0000
14	Instinct Infra & Power Ltd.	0.49	0.0000
15	Gita Power & Infrastructure Private Limited	0.38	0.0000
16	Refex Energy Limited	0.28	0.0000
17	NLC India Ltd.	0.27	0.0000
18	Abja Power Private Limited	0.26	0.0000
19	Statkraft Markets Pvt. Ltd.	0.15	0.0000
20	IPCL Power Trading Pvt. Ltd.	0.09	0.0000
21	Shree Cement Ltd.	0.07	0.0000
22	Customized Energy Solutions India (P) Ltd.	0.03	0.0000
23	Phillip Commodities India (P) Ltd.	0.01	0.0000
TOTAL		100.00%	0.2296
Top 5 trading licensees		84.58%	
<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>			

Figure 5: Percentage Share of Electricity Transacted by Trading Licensees, April 2021

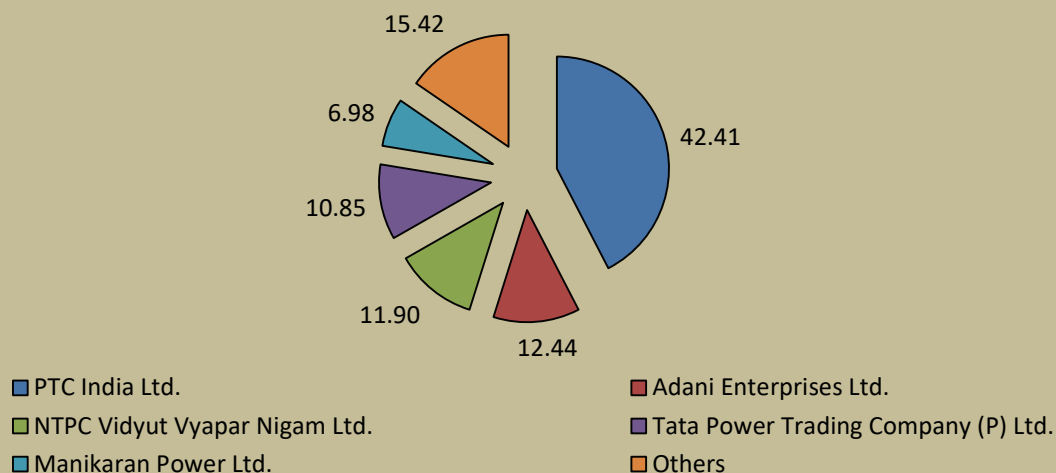


Table-3: PRICE OF ELECTRICITY TRANSACTED THROUGH TRADERS, APRIL 2021		
Sr.No	Item	Sale Price of Traders (₹/kWh)
1	Minimum	2.50
2	Maximum	5.46
3	Weighted Average	3.20

Source: Information submitted by trading licensees

Table-4: PRICE OF ELECTRICITY TRANSACTED THROUGH TRADERS (TIME-WISE), APRIL 2021		
Sr.No	Period of Trade	Sale Price of Traders (₹/kWh)
1	RTC	3.13
2	PEAK	4.29
3	OFF PEAK	3.55

Source: Information submitted by trading licensees

Table-5: PRICE OF ELECTRICITY TRANSACTED IN DAY AHEAD MARKET THROUGH POWER EXCHANGES, APRIL 2021			
Sr.No	ACP	Price in IEX (₹/kWh)	Price in PXIL (₹/kWh)
1	Minimum	2.30	1.99
2	Maximum	7.55	7.10
3	Weighted Average	3.75	3.94

Source: Information submitted by IEX and PXIL

Table-6: PRICE OF ELECTRICITY TRANSACTED IN REAL TIME MARKET THROUGH POWER EXCHANGES, APRIL 2021			
Sr.No	ACP	Price in IEX (₹/kWh)	Price in PXIL (₹/kWh)
1	Minimum	1.00	-
2	Maximum	10.50	-
3	Weighted Average	3.55	-

Source: Information submitted by IEX and PXIL

Table-7: VOLUME AND PRICE OF ELECTRICITY IN TERM AHEAD MARKET OF IEX, APRIL 2021			
Sr.No	Term ahead contracts	Actual Scheduled Volume (MUs)	Weighted Average Price (₹/kWh)
1	Intra-Day Contracts	7.50	4.81
2	Day Ahead Contingency Contracts	63.07	3.99
3	Daily Contracts	278.01	3.05
	Total	348.58	3.26

Source: IEX

Table-8: VOLUME AND PRICE OF ELECTRICITY IN TERM AHEAD MARKET OF PXIL, APRIL 2021			
Sr.No	Term ahead contracts	Actual Scheduled Volume (MUs)	Weighted Average Price (₹/kWh)
1	Intra-Day Contracts	94.17	3.88
2	Any Day(s) Contracts	482.55	3.74
	Total	576.73	3.76

Source: PXIL

Table-9: VOLUME AND PRICE OF ELECTRICITY IN GREEN TERM AHEAD MARKET OF IEX, APRIL 2021			
Sr.No	Green Term ahead contracts	Actual Scheduled Volume (MUs)	Weighted Average Price (₹/kWh)
1	Intra-Day Contracts	3.428	5.08
2	Day Ahead Contingency Contracts	172.01	4.33
3	Daily Contracts	2.90	4.37
	Total	178.33	4.35

Source: IEX

Table-10: VOLUME AND PRICE OF ELECTRICITY IN GREEN TERM AHEAD MARKET OF PXIL, APRIL 2021			
Sr.No	Green Term ahead contracts	Actual Scheduled Volume (MUs)	Weighted Average Price (₹/kWh)
1	Intra-Day Contracts	0.03	4.00
2	Any Day(s) Contracts	5.71	4.72
	Total	5.74	4.71

Source: PXIL

Table-11: PRICE OF ELECTRICITY TRANSACTED THROUGH DSM, APRIL 2021		
Sr.No	Item	Price in All India Grid (₹/kWh)
1	Minimum	0.00
2	Maximum	8.00
3	Average	3.56

Source: NLDC

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

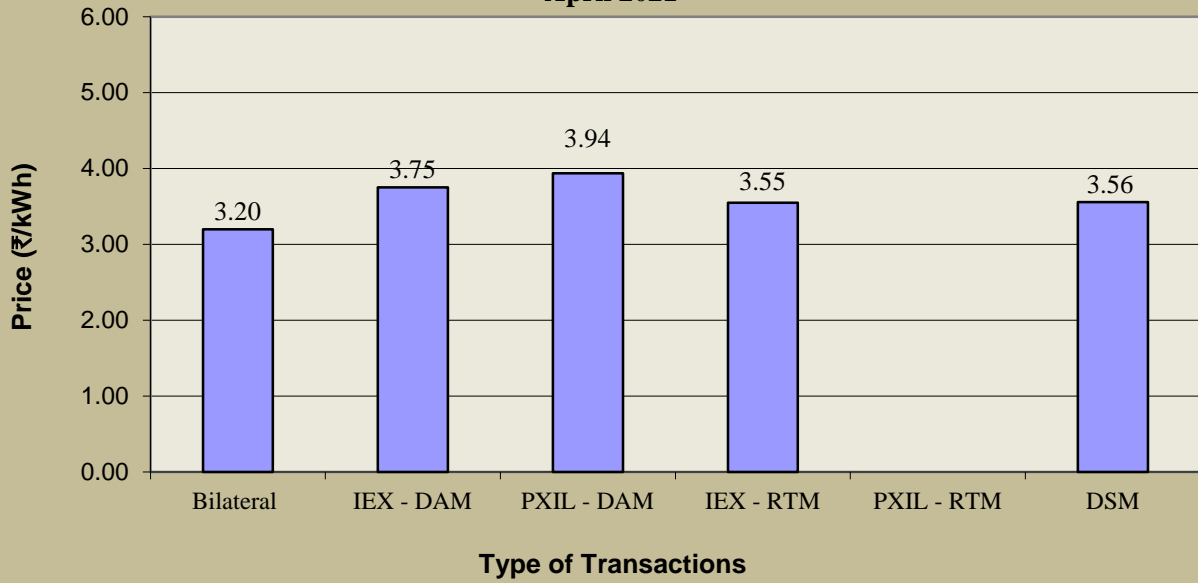
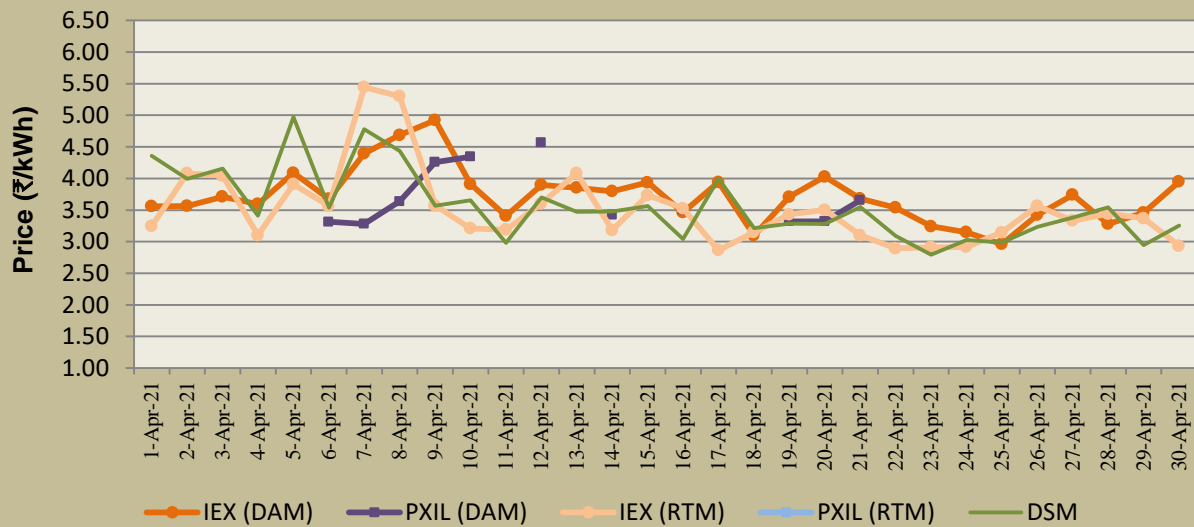


Figure-7: Price of Short-term Transactions of Electricity, April 2021 (Day-wise)



Note: In PXIL, electricity was transacted in DAM on 6th – 10th, 12th, 14th, 16th, 19th – 21st April 2021 while no electricity was transacted in RTM during April 2021

Table-12: VOLUME OF ELECTRICITY SOLD THROUGH BILATERAL, APRIL 2021		
Name of the Entity	Volume of Sale (MUs)	% of Volume
RPREL	853.42	14.17
GUJARAT	483.24	8.02
JITPL	381.37	6.33
DB POWER	358.86	5.96
REGL	355.01	5.89
MP	311.32	5.17
SEMBCORP	267.17	4.44
DVC	252.79	4.20
HARYANA	233.81	3.88
JINDAL STAGE-II	214.41	3.56
JAYPEE NIGRIE	212.60	3.53
RKM POWER	202.97	3.37
PUNJAB	192.63	3.20
ESSAR POWER	184.04	3.06
SKS POWER	180.80	3.00
KARNATAKA	147.00	2.44
ADHUNIK POWER LTD	135.97	2.26
JINDAL POWER	128.54	2.13
J & K	108.61	1.80
MB POWER	90.95	1.51
DELHI	90.81	1.51
KSK MAHANADI	83.65	1.39
IL&FS	78.26	1.30
MEENAKSHI	65.26	1.08
BALCO	57.08	0.95
SHREE CEMENT	53.27	0.88
TELANGANA	52.88	0.88
HIMACHAL PRADESH	29.09	0.48
TEESTA STG3	24.91	0.41
RAJASTHAN	24.54	0.41
ODISHA	17.82	0.30
MAHARASHTRA	17.79	0.30
DAGACHU	16.80	0.28
SIKKIM	12.48	0.21
NEEPCO STATIONS	12.16	0.20
AD HYDRO	11.73	0.19
ARUNACHAL PRADESH	10.80	0.18
JORETHANG	8.95	0.15
JHABUA POWER_MP	8.19	0.14
ANDHRA PRADESH	8.10	0.13
LANKO_AMK	7.92	0.13
TASHIDENG HEP	7.83	0.13
UTTARAKHAND	7.41	0.12
CHHATTISGARH	4.50	0.07
TRN ENERGY	4.17	0.07
THERMAL POWERTECH	3.72	0.06
DIKCHU HEP	2.31	0.04
TAMIL NADU	2.20	0.04
MEGHALAYA	1.08	0.02
ACBIL	0.72	0.01
NAGALAND	0.53	0.01
GMR KAMALANGA	0.39	0.01
MANIPUR	0.36	0.01
NTPC STATIONS-NER	0.11	0.002
WEST BENGAL	0.09	0.001
Total	6023.39	100.00
Volume Sold by top 5 Regional Entities	2431.89	40.37

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

Name of the Entity	Volume of Purchase (MUs)	% of Volume
TAMIL NADU	1384.42	22.98
GUJARAT	786.30	13.05
TELANGANA	400.04	6.64
ODISHA	347.62	5.77
ANDHRA PRADESH	289.21	4.80
MAHARASHTRA	277.02	4.60
WEST BENGAL	252.29	4.19
HARYANA	227.23	3.77
CHHATTISGARH	214.41	3.56
BIHAR	193.61	3.21
MP	193.00	3.20
HIMACHAL PRADESH	188.56	3.13
NEPAL(NVVN)	184.55	3.06
DELHI	175.60	2.92
RAJASTHAN	172.70	2.87
JHARKHAND	151.81	2.52
KERALA	137.46	2.28
UTTAR PRADESH	125.62	2.09
PUNJAB	101.48	1.68
BANGLADESH	65.26	1.08
MEGHALAYA	41.47	0.69
NEP	36.51	0.61
SIKKIM	32.38	0.54
GOA	22.86	0.38
DVC	6.73	0.11
AMPS Hazira	6.05	0.10
KARNATAKA	5.47	0.09
UTTARAKHAND	1.87	0.03
ARUNACHAL PRADESH	1.06	0.02
DADRA & NAGAR HAVELI	0.99	0.02
DAMAN AND DIU	0.10	0.002
TOTAL	6023.68	100.00
Volume Purchased by top 5 Regional Entities	3207.60	53.25

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

Name of the Entity	Volume of Sale (MUs)	% of Volume
UTTAR PRADESH	1094.17	19.18
MP	539.88	9.47
RAJASTHAN	504.50	8.84
SEMBCORP	417.38	7.32
DELHI	398.18	6.98
TEESTA STG3	179.38	3.14
JAYPEE NIGRIE	175.86	3.08
HARYANA	170.81	2.99
TELANGANA	160.05	2.81
CHHATTISGARH	158.94	2.79
GUJARAT	153.06	2.68
JINDAL POWER	147.95	2.59
RKM POWER	143.24	2.51
KARNATAKA	113.02	1.98
HIMACHAL PRADESH	88.63	1.55
JITPL	87.04	1.53
DB POWER	86.17	1.51
ESSAR POWER	83.43	1.46
WEST BENGAL	73.45	1.29
ADHUNIK POWER LTD	67.95	1.19
MB POWER	66.14	1.16
SPECTRUM	59.66	1.05
DVC	58.35	1.02
BIHAR	57.81	1.01
IL&FS	54.89	0.96
MARUTI COAL	52.56	0.92
ODISHA	46.34	0.81
GMR KAMALANGA	41.08	0.72
MAHARASHTRA	40.98	0.72
NTPC STATIONS-NER	39.01	0.68
ACBIL	32.53	0.57
KERALA	22.37	0.39
RPREL	21.23	0.37
SHREE CEMENT	21.11	0.37
TAMIL NADU	19.14	0.34
CHANDIGARH	19.08	0.33
ASSAM	18.57	0.33
JHABUA POWER_MP	18.46	0.32
ANDHRA PRADESH	18.12	0.32
DIKCHU HEP	16.97	0.30
KARCHAM WANGTOO	14.65	0.26
NTPL	13.14	0.23
SINGOLI BHATWARI HEP	12.43	0.22
SAINJ HEP	11.72	0.21
JINDAL STAGE-II	11.46	0.20
GOA	10.73	0.19
PUNJAB	9.74	0.17
ONGC PALATANA	7.97	0.14

NLC	7.54	0.13
AD HYDRO	4.82	0.08
BALCO	4.70	0.08
TRN ENERGY	4.08	0.07
RGPPL_IR	4.02	0.07
NTPC STATIONS-SR	3.51	0.06
DADRA & NAGAR HAVELI	2.92	0.05
SIKKIM	2.78	0.05
CHUZACHEN HEP	1.94	0.03
TRIPURA	1.61	0.03
MIZORAM	1.53	0.03
DHARIWAL POWER	1.30	0.02
ARUNACHAL PRADESH	1.23	0.02
LANCO BUDHIL	1.09	0.02
NAGALAND	0.91	0.02
JHARKHAND	0.30	0.01
UTTARAKHAND	0.24	0.004
REGL	0.12	0.002
Total	5703.95	100.00
Volume sold by top 5 Regional Entities	2954.11	51.79

Table-15: VOLUME OF ELECTRICITY PURCHASED IN DAY AHEAD MARKET THROUGH POWER EXCHANGES, APRIL 2021		
Name of the Entity	Volume of Purchase (MUs)	% of Volume
ANDHRA PRADESH	1238.20	21.71
GUJARAT	989.33	17.34
TELANGANA	590.76	10.36
MAHARASHTRA	558.44	9.79
TAMIL NADU	439.56	7.71
UTTARAKHAND	303.67	5.32
J & K	204.09	3.58
BIHAR	190.64	3.34
UTTAR PRADESH	155.66	2.73
WEST BENGAL	153.58	2.69
ASSAM	149.88	2.63
JHARKHAND	114.66	2.01
HIMACHAL PRADESH	102.74	1.80
MP	73.16	1.28
RAJASTHAN	64.76	1.14
AMPS Hazira	53.26	0.93
PUNJAB	51.45	0.90
KARNATAKA	48.91	0.86
HARYANA	45.77	0.80
ODISHA	42.85	0.75
GOA	23.16	0.41
DADRA & NAGAR HAVELI	21.01	0.37
KERALA	18.72	0.33
NEPAL(NVVN)	16.48	0.29
DELHI	14.70	0.26
ARUNACHAL PRADESH	11.31	0.20
NAGALAND	9.23	0.16
TRIPURA	6.16	0.11
DAMAN AND DIU	5.72	0.10
MEGHALAYA	3.28	0.06
CHANDIGARH	1.51	0.03
MIZORAM	0.93	0.02
MANIPUR	0.36	0.01
TOTAL	5703.95	100.00
Volume purchased by top 5 Regional Entities	3816.30	66.91

Table-16: VOLUME OF ELECTRICITY SOLD IN REAL TIME MARKET THROUGH POWER EXCHANGES, APRIL 2021		
Name of the Entity	Volume of Sale (MUs)	% of Volume
MP	233.96	15.88
UTTAR PRADESH	195.02	13.24
RAJASTHAN	144.77	9.83
WEST BENGAL	105.86	7.18
CHHATTISGARH	82.61	5.61
DELHI	77.69	5.27
TELANGANA	66.51	4.51
KARNATAKA	54.54	3.70
NTPC STATIONS-WR	47.35	3.21
DVC	44.13	3.00
RKM POWER	38.29	2.60
ODISHA	37.52	2.55
NLC	33.83	2.30
NEEPCO STATIONS	31.04	2.11
HIMACHAL PRADESH	29.08	1.97
GUJARAT	24.81	1.68
NTPC STATIONS-SR	15.95	1.08
SEBPCORP	15.30	1.04
MB POWER	14.00	0.95
ASSAM	13.47	0.91
JINDAL POWER	12.07	0.82
BIHAR	10.76	0.73
NTPC STATIONS-NR	9.76	0.66
TEESTA STG3	9.54	0.65
JINDAL STAGE-II	9.33	0.63
BALCO	8.72	0.59
NTPL	8.68	0.59
HARYANA	8.45	0.57
SIKKIM	7.90	0.54
IL&FS	7.89	0.54
SASAN UMPP	7.82	0.53
NTPC STATIONS-NER	7.81	0.53
NTPC STATIONS-ER	7.51	0.51
MAHARASHTRA	6.23	0.42
KERALA	6.00	0.41
PUNJAB	4.49	0.30
DIKCHU HEP	4.35	0.30
JHARKHAND	3.96	0.27
JHABUA POWER_MP	3.48	0.24
TRIPURA	2.91	0.20
ONGC PALATANA	2.08	0.14
SHREE CEMENT	1.96	0.13
RPREL	1.65	0.11
MANIPUR	1.49	0.10
J & K	1.48	0.10
MEGHALAYA	1.39	0.09
RGPPL_IR	1.26	0.09
TAMIL NADU	1.21	0.08

BRBCL,NABINAGAR	1.13	0.08
SINGOLI BHATWARI HEP	0.84	0.06
ANDHRA PRADESH	0.74	0.05
SAINJ HEP	0.68	0.05
GMR KAMALANGA	0.65	0.04
KARCHAM WANGTOO	0.63	0.04
RGPPL	0.54	0.04
CHUZACHEN HEP	0.38	0.03
RGPPL_Others	0.34	0.02
CHANDIGARH	0.34	0.02
UTTARAKHAND	0.29	0.02
SKS POWER	0.27	0.02
ACBIL	0.13	0.01
DB POWER	0.12	0.01
DHARIWAL POWER	0.12	0.01
SPECTRUM	0.08	0.01
AD HYDRO	0.07	0.005
MARUTI COAL	0.05	0.003
JORETHANG	0.02	0.001
CGPL	0.004	0.0002
Total	1473.36	100.00
Volume sold by top 5 Regional Entities	762.21	51.73

Table-17: VOLUME OF ELECTRICITY PURCHASED IN REAL TIME MARKET THROUGH POWER EXCHANGES, APRIL 2021		
Name of the Entity	Volume of Purchase (MUs)	% of Volume
J & K	248.83	16.89
MAHARASHTRA	160.58	10.90
ANDHRA PRADESH	144.13	9.78
TELANGANA	115.94	7.87
BIHAR	114.25	7.75
GUJARAT	99.55	6.76
ODISHA	91.12	6.18
TAMIL NADU	82.04	5.57
WEST BENGAL	79.63	5.40
RAJASTHAN	53.71	3.65
UTTAR PRADESH	45.70	3.10
ASSAM	41.20	2.80
PUNJAB	38.53	2.61
TRIPURA	38.15	2.59
DELHI	16.61	1.13
JHARKHAND	16.32	1.11
HARYANA	13.11	0.89
HIMACHAL PRADESH	12.30	0.83
DVC	11.73	0.80
MANIPUR	9.45	0.64
MEGHALAYA	7.71	0.52
KARNATAKA	7.60	0.52
KERALA	6.92	0.47
CHHATTISGARH	4.43	0.30
MP	3.81	0.26
GOA	2.89	0.20
UTTARAKHAND	2.79	0.19
DADRA & NAGAR HAVELI	1.08	0.07
ARUNACHAL PRADESH	1.05	0.07
SIKKIM	0.80	0.05
MIZORAM	0.52	0.04
AMPS Hazira	0.51	0.03
NAGALAND	0.34	0.02
DAMAN AND DIU	0.02	0.001
JHABUA POWER_MP	0.02	0.001
TOTAL	1473.36	100.00
Volume purchased by top 5 Regional Entities	783.73	53.19

Table-18: VOLUME OF ELECTRICITY UNDER DRAWAL (EXPORTED) THROUGH DSM, APRIL 2021

Name of the Entity	Volume of Under drawal (MUs)	% of Volume
UTTAR PRADESH	156.89	8.03
KAPP 3&4	110.59	5.66
NTPC STATIONS-WR	99.56	5.10
RAJASTHAN	83.54	4.28
MP	79.02	4.05
MAHARASHTRA	68.76	3.52
NHPC STATIONS	64.17	3.29
TELANGANA	64.15	3.29
KARNATAKA	61.80	3.16
GUJARAT	61.70	3.16
TAMIL NADU	57.73	2.96
HARYANA	56.87	2.91
PUNJAB	56.20	2.88
SASAN UMPP	54.68	2.80
NTPC STATIONS-NR	45.87	2.35
DELHI	45.38	2.32
ANDHRA PRADESH	43.45	2.22
J & K	36.76	1.88
WEST BENGAL	35.50	1.82
CHUKHA HEP	30.51	1.56
NTPC STATIONS-SR	27.35	1.40
ODISHA	25.60	1.31
BIHAR	25.02	1.28
KERALA	22.64	1.16
DVC	22.26	1.14
AMPS Hazira	21.98	1.13
UTTARAKHAND	18.90	0.97
CHHATTISGARH	18.63	0.95
JHARKHAND	15.91	0.81
NTPC STATIONS-ER	15.45	0.79
HIMACHAL PRADESH	15.16	0.78
GIWEL_BHUI	14.85	0.76
NLC	13.66	0.70
BBMB	10.13	0.52
GOA	9.76	0.50
RENEW_BHUI	9.59	0.49
ASSAM	9.11	0.47
AGEMPL BHUI	8.67	0.44
OSTRO	8.33	0.43
ALFANAR_BHUI	8.08	0.41
RENEW_BHACHAU	7.95	0.41
NJPC	7.26	0.37
JAYPEE NIGRIE	7.05	0.36
JINDAL POWER	6.82	0.35
TEESTA HEP	6.78	0.35
JINDAL STAGE-II	6.71	0.34
LANKO_AMK	6.57	0.34
TATA_PVGD	6.30	0.32
ESSAR POWER	6.30	0.32
NEEPCO STATIONS	5.93	0.30
PONDICHERRY	5.74	0.29
BANGLADESH	5.61	0.29
SINGOLI BHATWARI HEP	5.55	0.28
FORTUM2_PVGD	5.53	0.28
CHANDIGARH	4.90	0.25
ADHUNIK POWER LTD	4.85	0.25
AYANA_NPKUNTA	4.82	0.25
GMR KAMALANGA	4.59	0.24
INOX_BHUI	4.49	0.23

DADRA & NAGAR HAVELI	4.39	0.22
ACME_SLR	4.36	0.22
CLEAN_SLR	4.33	0.22
SIKKIM	4.27	0.22
TRIPURA	3.99	0.20
KARCHAM WANGTOO	3.95	0.20
RAMPUR HEP	3.92	0.20
RENEW_SLR_BKN	3.75	0.19
BETAM_TCN	3.70	0.19
ARUNACHAL PRADESH	3.70	0.19
SPRNG_NPKUNTA	3.65	0.19
ORANGE_TCN	3.49	0.18
MEGHALAYA	3.43	0.18
NTPC STATIONS-NER	3.25	0.17
SEMBCORP	3.25	0.17
GIWEL_TCN	3.24	0.17
AZURE34_SLR	2.95	0.15
MAITHON POWER LTD	2.91	0.15
MANIPUR	2.88	0.15
NTPC_ANTP	2.84	0.15
RKM POWER	2.81	0.14
BRBCL,NABINAGAR	2.78	0.14
BARC	2.75	0.14
KSK MAHANADI	2.75	0.14
SBG_NPK	2.75	0.14
AZURE_PVGD	2.63	0.13
MYTRAH_TCN	2.61	0.13
ACBIL	2.56	0.13
AZURE_SLR	2.56	0.13
SB_SLR	2.53	0.13
RAP C	2.44	0.13
DHARIWAL POWER	2.38	0.12
AVAADA2_PVGD	2.37	0.12
TATA_SLR	2.34	0.12
SPRING_PUGALUR	2.34	0.12
NTPL	2.33	0.12
CGPL	2.30	0.12
MANGDECHU HEP	2.21	0.11
RGPPL	2.10	0.11
JHABUA POWER_MP	2.09	0.11
DB POWER	2.03	0.10
NPGC	1.85	0.09
DIKCHU HEP	1.84	0.09
RPREL	1.84	0.09
ARINSUM_RUMS	1.83	0.09
NEPAL(NVVN)	1.83	0.09
NETCL VALLUR	1.78	0.09
COASTGEN	1.75	0.09
DAMAN AND DIU	1.74	0.09
TEESTA STG3	1.74	0.09
SBG_PVGD	1.72	0.09
MIZORAM	1.72	0.09
MAHINDRA_RUMS	1.72	0.09
PARAM_PVGD	1.68	0.09
JITPL	1.62	0.08
BALCO	1.62	0.08
KOTESHWAR	1.61	0.08
IGSTPS	1.53	0.08
AVAADA1_PVGD	1.50	0.08
NAGALAND	1.50	0.08
NAPP	1.50	0.08
NSPCL	1.48	0.08

MB POWER	1.45	0.07
RAP B	1.44	0.07
ARERJL_SLR	1.42	0.07
ACME_RUMS	1.39	0.07
TRN ENERGY	1.35	0.07
TEHRI	1.34	0.07
TATA_ANTP	1.30	0.07
RANGIT HEP	1.26	0.06
ADY6_PVGD	1.25	0.06
RANGANADI HEP	1.22	0.06
FORTUM1_PVGD	1.21	0.06
ADY2_PVGD	1.17	0.06
EMCO	1.10	0.06
ADY13_PVGD	1.06	0.05
AD HYDRO	1.05	0.05
ADY3_PVGD	1.04	0.05
NEP	1.02	0.05
FRV_NPK	1.02	0.05
THERMAL POWERTECH	1.01	0.05
CHUZACHEN HEP	1.01	0.05
SKS POWER	0.96	0.05
RENEW_PVGD	0.95	0.05
AKS_PVGD	0.90	0.05
YARROW_PVGD	0.89	0.05
REGL	0.87	0.04
ARS_PVGD	0.85	0.04
ADY1_PVGD	0.79	0.04
ADY10_PVGD	0.77	0.04
AKSP_ANTP	0.76	0.04
ASEJTL_SLR	0.75	0.04
ABSP_ANTP	0.75	0.04
ONGC PALATANA	0.74	0.04
SHREE CEMENT	0.71	0.04
RAIL	0.69	0.04
SAINJ HEP	0.68	0.03
KURICHU HEP	0.68	0.03
MTPS II	0.67	0.03
AHSP_ANTP	0.66	0.03
RENEW_SLR	0.62	0.03
LOKTAK	0.61	0.03
LANCO BUDHIL	0.57	0.03
NFF	0.57	0.03
AZURE43_SLR	0.57	0.03
FRV_ANTP	0.54	0.03
IL&FS	0.53	0.03
MEENAKSHI	0.50	0.03
PARE HEP	0.42	0.02
AZURE_ANTP	0.41	0.02
TASHIDENG HEP	0.39	0.02
JORETHANG	0.35	0.02
KREDL_PVGD	0.28	0.01
DOYANG HEP	0.24	0.01
HVDC RAIGARH	0.21	0.01
VINDHYACHAL HVDC	0.20	0.01
HVDC PUS	0.12	0.01
HVDC CHAMPA	0.11	0.01
HVDC ALPD	0.07	0.003
TALA HEP	0.05	0.002
DCPP	0.02	0.001
BHADRAVATHI HVDC	0.002	0.0001
Total	1952.86	100.00
Volume Exported by top 5 Regional Entities	529.60	27.12

Table-19: VOLUME OF ELECTRICITY OVER DRAWAL (IMPORTED) THROUGH DSM, APRIL 2021		
Name of the Entity	Volume of Over drawal (MUs)	% of Volume
BIHAR	91.19	4.96
RAJASTHAN	75.46	4.10
TAMIL NADU	73.36	3.99
MAHARASHTRA	66.31	3.60
NTPC STATIONS-WR	64.52	3.51
NTPC STATIONS-NR	64.22	3.49
GUJARAT	64.08	3.48
ANDHRA PRADESH	53.86	2.93
NTPC STATIONS-ER	53.70	2.92
KARNATAKA	52.69	2.86
TALA HEP	48.71	2.65
MP	47.58	2.59
NEPAL(NVVN)	46.66	2.54
HARYANA	45.78	2.49
UTTAR PRADESH	42.90	2.33
WEST BENGAL	40.36	2.19
DVC	34.87	1.90
ODISHA	34.16	1.86
TELANGANA	33.00	1.79
UTTARAKHAND	32.51	1.77
NTPC STATIONS-SR	29.23	1.59
KERALA	28.90	1.57
CHHATTISGARH	27.17	1.48
J & K	26.05	1.42
PUNJAB	24.83	1.35
JHARKHAND	23.18	1.26
ASSAM	20.07	1.09
TRIPURA	19.16	1.04
HIMACHAL PRADESH	18.05	0.98
AMPS Hazira	17.29	0.94
RGPPL	17.25	0.94
KURICHU HEP	17.06	0.93
NLC	16.62	0.90
BALCO	16.06	0.87
NETCL VALLUR	15.59	0.85
NHPC STATIONS	13.36	0.73
THERMAL POWERTECH	11.87	0.65
GIWEL_BHUI	11.32	0.62
AGEMPL BHUI	11.06	0.60
MYTRAH_TCN	10.95	0.60
RAIL	10.64	0.58
GIWEL_TCN	10.16	0.55
SPRING_PUGALUR	9.66	0.53
RPREL	9.52	0.52
RAP C	9.25	0.50
NTPC STATIONS-NER	8.68	0.47
JHABUA POWER_MP	8.57	0.47
TEESTA STG3	8.31	0.45
IL&FS	8.29	0.45
BETAM_TCN	7.84	0.43
ORANGE_TCN	7.67	0.42
NAPP	7.25	0.39
MB POWER	7.20	0.39
CGPL	7.16	0.39
IGSTPS	7.08	0.39
MEGHALAYA	6.84	0.37
DAGACHU	6.37	0.35
ARUNACHAL PRADESH	6.11	0.33
DADRA & NAGAR HAVELI	6.09	0.33

REGL	6.08	0.33
OSTRO	5.88	0.32
RKM POWER	5.77	0.31
ALFANAR_BHUJ	5.67	0.31
RENEW_BHUJ	5.48	0.30
RENEW_BHACHAU	5.37	0.29
COASTGEN	5.37	0.29
INOX_BHUJ	5.25	0.29
BANGLADESH	4.94	0.27
KAPP 3&4	4.80	0.26
DELHI	4.70	0.26
DAMAN AND DIU	4.65	0.25
JINDAL STAGE-II	4.58	0.25
SEMBCORP	4.49	0.24
DB POWER	4.27	0.23
CHANDIGARH	4.23	0.23
GOA	4.21	0.23
KARCHAM WANGTOO	4.07	0.22
MAHINDRA_RUMS	4.03	0.22
JITPL	3.96	0.22
SIKKIM	3.92	0.21
MEENAKSHI	3.91	0.21
ARINSUM_RUMS	3.85	0.21
NEP	3.80	0.21
EMCO	3.73	0.20
SHREE CEMENT	3.68	0.20
MIZORAM	3.49	0.19
PONDICHERRY	3.49	0.19
ACME_RUMS	3.43	0.19
BRBCL,NABINAGAR	3.37	0.18
SKS POWER	3.30	0.18
SBG_NPK	3.17	0.17
NAGALAND	3.13	0.17
JORETHANG	3.06	0.17
MAITHON POWER LTD	2.95	0.16
NTPL	2.93	0.16
TATA_PVGD	2.76	0.15
ADHUNIK POWER LTD	2.76	0.15
MANIPUR	2.73	0.15
KSK MAHANADI	2.66	0.14
ONGC PALATANA	2.62	0.14
NPGC	2.50	0.14
SBG_PVGD	2.46	0.13
SB_SLR	2.43	0.13
BBMB	2.38	0.13
CLEAN_SLR	2.30	0.13
SINGOLI BHATWARI HEP	2.29	0.12
NTPC_ANTP	2.26	0.12
DIKCHU HEP	2.22	0.12
ARERJL_SLR	2.12	0.12
MANGDECHU HEP	2.00	0.11
PARAM_PVGD	1.98	0.11
MTPS II	1.92	0.10
NSPCL	1.88	0.10
RENEW_SLR_BKN	1.84	0.10
TASHIDENG HEP	1.80	0.10
NJPC	1.78	0.10
ACME_SLR	1.67	0.09
NEEPCO STATIONS	1.67	0.09
DGEN MEGA POWER	1.57	0.09
TEHRI	1.48	0.08
RANGANADI HEP	1.43	0.08
GMR KAMALANGA	1.32	0.07

ESSAR POWER	1.31	0.07
ACBIL	1.31	0.07
AZURE_SLR	1.28	0.07
JINDAL POWER	1.24	0.07
AYANA_NPKUNTA	1.21	0.07
RAP B	1.19	0.06
TATA_SLR	1.16	0.06
SASAN UMPP	1.11	0.06
TRN ENERGY	1.10	0.06
JAYPEE NIGRIE	1.10	0.06
DHARIWAL POWER	1.09	0.06
RANGIT HEP	1.07	0.06
TATA_ANTP	1.07	0.06
AZURE34_SLR	0.89	0.05
AVAADA1_PVGD	0.89	0.05
SPRNG_NPKUNTA	0.84	0.05
NFF	0.83	0.04
FORTUM1_PVGD	0.80	0.04
CHUKHA HEP	0.75	0.04
AZURE43_SLR	0.72	0.04
AVAADA2_PVGD	0.70	0.04
FRV_ANTP	0.67	0.04
TEESTA HEP	0.64	0.03
FORTUM2_PVGD	0.62	0.03
AHSP_ANTP	0.62	0.03
LANKO KONDAPALLI	0.62	0.03
LANKO_AMK	0.61	0.03
RENEW_SLR	0.60	0.03
AZURE_ANTP	0.58	0.03
AKSP_ANTP	0.57	0.03
ABSP_ANTP	0.57	0.03
SIMHAPURI	0.57	0.03
KREDL_PVGD	0.56	0.03
CHUZACHEN HEP	0.51	0.03
FRV_NPK	0.49	0.03
ASEJTL_SLR	0.46	0.03
RENEW_PVGD	0.44	0.02
RAMPUR HEP	0.43	0.02
AKS_PVGD	0.35	0.02
SAINJ HEP	0.34	0.02
KOTESHWAR	0.34	0.02
AZURE_PVGD	0.34	0.02
YARROW_PVGD	0.32	0.02
ADY3_PVGD	0.29	0.02
ADY6_PVGD	0.26	0.01
DOYANG HEP	0.25	0.01
AD HYDRO	0.24	0.01
ADY1_PVGD	0.23	0.01
LOKTAK	0.23	0.01
LANCO BUDHIL	0.21	0.01
ADY10_PVGD	0.21	0.01
HVDC CHAMPA	0.19	0.01
BHADRAVATHI HVDC	0.18	0.01
ADY13_PVGD	0.16	0.01
ARS_PVGD	0.15	0.01
PARE HEP	0.13	0.01
ADY2_PVGD	0.09	0.01
HVDC ALPD	0.04	0.002
HVDC PUS	0.01	0.0003
DCPP	0.002	0.0001
HVDC RAIGARH	0.001	0.0001
TOTAL	1839.31	100.00
Volume Imported by top 5 Regional Entities	370.83	20.16

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

S. No.	Name of the Entity	Total volume of net short-term transactions of electricity*
1	TAMIL NADU	1899.11
2	ANDHRA PRADESH	1654.98
3	GUJARAT	1216.45
4	MAHARASHTRA	928.58
5	TELANGANA	796.16
6	BIHAR	496.10
7	ODISHA	388.47
8	J & K	332.13
9	UTTARAKHAND	314.00
10	WEST BENGAL	310.96
11	JHARKHAND	285.80
12	NEPAL(NVVN)	245.86
13	ASSAM	169.99
14	HIMACHAL PRADESH	159.70
15	KERALA	140.99
16	BANGLADESH	64.60
17	AMPS Hazira	55.12
18	TRIPURA	54.96
19	MEGHALAYA	53.41
20	TALA HEP	48.67
21	NEP	39.29
22	GOA	32.64
23	NTPC STATIONS-ER	30.73
24	DADRA & NAGAR HAVELI	21.85
25	KURICHU HEP	16.38
26	RGPLL	14.61
27	NETCL VALLUR	13.81
28	RAIL	9.95
29	NAGALAND	9.76
30	SIKKIM	9.67
31	DAMAN AND DIU	8.76
32	NTPC STATIONS-NR	8.58
33	MYTRAH_TCN	8.33
34	MANIPUR	7.81
35	SPRING_PUGALUR	7.32
36	THERMAL POWERTECH	7.14
37	GIWEL_TCN	6.92
38	RAP C	6.81
39	NAPP	5.75
40	IGSTPS	5.56
41	CGPL	4.85
42	ORANGE_TCN	4.17
43	BETAM_TCN	4.14
44	ARUNACHAL PRADESH	3.80
45	COASTGEN	3.62
46	EMCO	2.63
47	AGEMPL BHUJ	2.39
48	MAHINDRA_RUMS	2.32
49	ACME_RUMS	2.05
50	ARINSUM_RUMS	2.01
51	MIZORAM	1.69
52	DGEN MEGA POWER	1.57
53	MTPS II	1.25
54	INOX_BHUJ	0.76
55	SBG_PVGD	0.73
56	ARERJL_SLR	0.70
57	NPGC	0.65
58	LANKO KONDAPALLI	0.62
59	SIMHAPURI	0.57
60	SBG_NPK	0.42

61	NSPCL	0.40
62	PARAM_PVGD	0.29
63	KREDL_PVGD	0.28
64	NFF	0.26
65	RANGANADI HEP	0.21
66	BHADRAVATHI HVDC	0.17
67	AZURE_ANTP	0.17
68	AZURE43_SLR	0.16
69	TEHRI	0.13
70	FRV_ANTP	0.13
71	HVDC CHAMPA	0.08
72	MAITHON POWER LTD	0.04
73	DOYANG HEP	0.002
74	DCPP	-0.01
75	RENEW_SLR	-0.02
76	HVDC ALPD	-0.03
77	AHSP_ANTP	-0.04
78	SB_SLR	-0.10
79	HVDC PUS	-0.12
80	ABSP_ANTP	-0.18
81	AKSP_ANTP	-0.18
82	RANGIT HEP	-0.19
83	VINDHYACHAL HVDC	-0.20
84	HVDC RAIGARH	-0.21
85	MANGDECHU HEP	-0.21
86	TATA_ANTP	-0.24
87	RAP B	-0.25
88	ASEJTL_SLR	-0.29
89	PARE HEP	-0.29
90	RGPPPL_Others	-0.34
91	LOKTAK	-0.38
92	FORTUM1_PVGD	-0.40
93	RENEW_PVGD	-0.51
94	FRV_NPK	-0.52
95	BRBCL,NABINAGAR	-0.54
96	AKS_PVGD	-0.55
97	ADY1_PVGD	-0.56
98	ADY10_PVGD	-0.57
99	YARROW_PVGD	-0.57
100	NTPC_ANTP	-0.58
101	AVAADA1_PVGD	-0.62
102	ARS_PVGD	-0.70
103	ADY3_PVGD	-0.76
104	ADY13_PVGD	-0.90
105	ADY6_PVGD	-1.00
106	ADY2_PVGD	-1.07
107	TATA_SLR	-1.18
108	KOTESHWAR	-1.27
109	AZURE_SLR	-1.28
110	LANCO BUDHIL	-1.44
111	AVAADA2_PVGD	-1.67
112	RENEW_SLR_BKN	-1.91
113	CLEAN_SLR	-2.03
114	AZURE34_SLR	-2.05
115	PONDICHERRY	-2.25
116	AZURE_PVGD	-2.29
117	ALFANAR_BHUI	-2.41
118	OSTRO	-2.46
119	RENEW_BHACHAU	-2.58
120	ACME_SLR	-2.68
121	DHARIWAL POWER	-2.70
122	BARC	-2.75
123	SPRNG_NPKUNTA	-2.81
124	CHUZACHEN HEP	-2.81
125	RAMPUR HEP	-3.49
126	GIWEL_BHUI	-3.53

127	TATA_PVGD	-3.54
128	AYANA_NPKUNTA	-3.61
129	RENEW_BHUI	-4.11
130	FORTUM2_PVGD	-4.91
131	RGPL_IR	-5.28
132	NJPC	-5.47
133	TEESTA HEP	-6.14
134	JORETHANG	-6.25
135	TASHIDENG HEP	-6.42
136	BBMB	-7.75
137	ONGC PALATANA	-8.17
138	TRN ENERGY	-8.49
139	DAGACHU	-10.43
140	SAINJ HEP	-12.74
141	LANKO_AMK	-13.88
142	KARCHAM WANGTOO	-15.15
143	SINGOLI BHATWARI HEP	-16.53
144	AD HYDRO	-17.43
145	NTPC STATIONS-SR	-17.58
146	CHANDIGARH	-18.59
147	CHHATTISGARH	-18.67
148	NTPL	-21.22
149	DIKCHU HEP	-23.25
150	JHABUA POWER_MP	-23.63
151	CHUKHA HEP	-29.76
152	ACBIL	-34.62
153	NLC	-38.41
154	NTPC STATIONS-NER	-41.50
155	GMR KAMALANGA	-45.38
156	PUNJAB	-46.76
157	NEEPCO STATIONS	-47.46
158	NHPC STATIONS	-50.82
159	MARUTI COAL	-52.61
160	BALCO	-56.05
161	SPECTRUM	-59.73
162	SASAN UMPP	-61.40
163	MEENAKSHI	-61.84
164	SHREE CEMENT	-73.38
165	NTPC STATIONS-WR	-82.39
166	KSK MAHANADI	-83.74
167	KAPP 3&4	-105.80
168	IL&FS	-133.27
169	HARYANA	-138.05
170	MB POWER	-165.34
171	SKS POWER	-178.73
172	ADHUNIK POWER LTD	-206.02
173	TEESTA STG3	-207.25
174	JINDAL STAGE-II	-237.32
175	KARNATAKA	-261.71
176	ESSAR POWER	-272.45
177	JINDAL POWER	-294.14
178	DVC	-324.21
179	REGL	-349.91
180	RKM POWER	-381.55
181	RAJASTHAN	-390.72
182	JAYPEE NIGRIE	-394.40
183	DELHI	-400.44
184	DB POWER	-442.92
185	JITPL	-466.07
186	SEBPCORP	-698.61
187	MP	-846.64
188	RPREL	-868.62
189	UTTAR PRADESH	-1076.21

* 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, APRIL 2021					
	Details of Congestion	Day Ahead Market		Real Time Market	
		IEX	PXIL	IEX	PXIL
A	Unconstrained Cleared Volume (MUs)	5710.49	4.73	1474.00	0.00
B	Actual Cleared Volume and hence scheduled (MUs)	5699.22	4.73	1473.36	0.00
C	Volume of electricity that could not be cleared and hence not scheduled because of congestion (MUs) *	11.27	0.00	0.64	0.00
D	Volume of electricity that could not be cleared and hence not scheduled because of reasons other than congestion (MUs)	0.00	0.00	0.00	0.00
E	Volume of electricity that could not be cleared as % to Unconstrained Cleared Volume	0.20%	0.00%	0.04%	0.00%
F	Percentage of the time congestion occurred during the month (Number of hours congestion occurred/Total number of hours in the month)	1.63%	0.00%	0.49%	0.00%
G	Congestion occurrence (%) time block wise				
	0.00 - 6.00 hours	10.64%	0.00%	0.00%	0.00%
	6.00 - 12.00 hours	34.04%	0.00%	50.00%	0.00%
	12.00 - 18.00 hours	55.32%	0.00%	14.29%	0.00%
	18.00 - 24.00 hours	0.00%	0.00%	35.71%	0.00%
<i>*This power would have been scheduled had there been no congestion.</i>					
<i>Source: IEX, PXIL & NLDC</i>					

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

Date	Bilateral		Day Ahead Market [#]		Real Time Market [#]		Deviation Settlement (Over Drawl + Under Generation)	Total Electricity Generation (MU) as given at CEA Website*
	Through Traders and PXs**	Direct	IEX	PXIL	IEX	PXIL		
1-Apr-21	159.36	46.14	187.82	0.00	61.39	0.00	66.99	3785.87
2-Apr-21	156.58	49.04	207.68	0.00	56.42	0.00	67.12	3848.45
3-Apr-21	156.32	49.79	215.77	0.00	68.36	0.00	62.51	3874.72
4-Apr-21	156.95	48.41	223.16	0.00	43.87	0.00	59.10	3770.34
5-Apr-21	152.19	46.93	238.26	0.00	50.87	0.00	57.47	3894.67
6-Apr-21	153.79	51.61	220.26	0.35	53.16	0.00	60.01	3899.31
7-Apr-21	157.11	50.04	218.74	0.38	50.94	0.00	59.07	3986.06
8-Apr-21	159.85	52.58	201.69	0.60	59.50	0.00	59.66	4037.98
9-Apr-21	156.61	52.58	224.79	0.78	49.71	0.00	56.08	4005.08
10-Apr-21	144.10	51.96	229.73	0.80	42.04	0.00	58.58	3945.01
11-Apr-21	149.19	38.68	204.44	0.00	44.78	0.00	58.65	3821.12
12-Apr-21	157.54	47.55	194.24	0.84	46.50	0.00	58.06	3990.36
13-Apr-21	159.88	49.53	189.25	0.00	51.00	0.00	61.99	3967.86
14-Apr-21	163.07	46.89	182.91	0.24	51.59	0.00	68.16	3834.89
15-Apr-21	176.78	48.77	178.73	0.00	47.75	0.00	68.89	3818.30
16-Apr-21	160.32	49.56	175.27	0.24	49.92	0.00	68.13	3832.76
17-Apr-21	159.02	48.08	178.54	0.00	42.59	0.00	64.29	3769.41
18-Apr-21	153.71	43.28	165.27	0.00	47.27	0.00	63.81	3757.44
19-Apr-21	143.91	50.21	191.25	0.15	38.82	0.00	63.88	3834.40
20-Apr-21	146.54	44.58	189.11	0.14	53.20	0.00	72.19	3868.48
21-Apr-21	134.31	41.76	186.91	0.22	59.57	0.00	69.40	3808.20
22-Apr-21	139.14	40.16	187.68	0.00	55.62	0.00	67.64	3691.88
23-Apr-21	139.22	43.35	175.43	0.00	45.02	0.00	70.44	3651.95
24-Apr-21	155.73	43.50	162.24	0.00	42.81	0.00	60.31	3723.44
25-Apr-21	149.38	40.89	157.55	0.00	45.74	0.00	62.36	3668.19
26-Apr-21	149.19	36.01	163.42	0.00	47.91	0.00	62.50	3825.86
27-Apr-21	158.76	36.39	161.21	0.00	48.47	0.00	62.20	3874.68
28-Apr-21	171.52	35.97	143.55	0.00	44.80	0.00	62.21	3930.37
29-Apr-21	172.96	35.33	169.26	0.00	38.21	0.00	63.74	3931.66
30-Apr-21	173.13	37.92	175.05	0.00	35.56	0.00	60.65	3883.61
Total	4666.18	1357.49	5699.22	4.73	1473.36	0.00	1896.09	115532.35

Source: NLDC

* 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), APRIL 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-Apr-21	2.77	5.17	3.56	-	-	-	0.00	8.00	4.36
2-Apr-21	2.73	5.99	3.57	-	-	-	0.00	8.00	3.99
3-Apr-21	3.06	6.50	3.71	-	-	-	0.00	8.00	4.16
4-Apr-21	2.56	5.79	3.60	-	-	-	0.00	8.00	3.41
5-Apr-21	2.98	7.10	4.09	-	-	-	0.00	8.00	4.97
6-Apr-21	2.73	5.95	3.68	3.15	5.79	3.32	0.00	8.00	3.54
7-Apr-21	3.06	6.00	4.40	3.11	3.77	3.28	0.00	8.00	4.78
8-Apr-21	3.07	6.90	4.69	3.20	7.10	3.64	0.00	7.80	4.43
9-Apr-21	3.06	7.50	4.92	3.52	7.10	4.26	0.00	7.81	3.57
10-Apr-21	2.85	7.00	3.91	3.40	6.31	4.35	0.00	7.23	3.65
11-Apr-21	2.55	4.45	3.41	-	-	-	0.00	8.00	2.98
12-Apr-21	2.73	5.78	3.90	3.98	6.40	4.57	0.00	7.22	3.70
13-Apr-21	2.62	7.55	3.85	-	-	-	0.00	6.43	3.47
14-Apr-21	2.55	6.50	3.80	3.20	3.60	3.43	0.00	8.00	3.48
15-Apr-21	2.55	7.10	3.94	-	-	-	0.00	8.00	3.57
16-Apr-21	2.56	4.50	3.46	3.12	3.71	3.51	0.00	8.00	3.04
17-Apr-21	2.57	6.15	3.94	-	-	-	0.00	8.00	4.00
18-Apr-21	2.30	3.89	3.10	-	-	-	0.00	7.69	3.21
19-Apr-21	2.67	5.75	3.71	1.99	5.79	3.32	0.00	8.00	3.29
20-Apr-21	2.75	6.25	4.03	3.09	4.44	3.32	0.00	8.00	3.28
21-Apr-21	2.57	6.15	3.68	3.65	3.67	3.65	0.00	8.00	3.55
22-Apr-21	2.56	6.00	3.54	-	-	-	0.00	8.00	3.09
23-Apr-21	2.35	4.29	3.24	-	-	-	0.00	6.21	2.79
24-Apr-21	2.30	4.26	3.15	-	-	-	0.00	8.00	3.03
25-Apr-21	2.40	3.54	2.96	-	-	-	0.00	8.00	2.99
26-Apr-21	2.56	4.99	3.42	-	-	-	0.00	8.00	3.24
27-Apr-21	2.74	5.95	3.74	-	-	-	0.00	7.18	3.38
28-Apr-21	2.54	4.55	3.28	-	-	-	0.00	8.00	3.55
29-Apr-21	2.78	5.70	3.46	-	-	-	0.00	6.56	2.94
30-Apr-21	2.85	6.75	3.95	-	-	-	0.00	6.19	3.25
	2.30[#]	7.55[#]	3.75	1.99[#]	7.10[#]	3.94	0.00[#]	8.00[#]	3.56

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), APRIL 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-Apr-21	2.04	4.30	3.25	--	--	--
2-Apr-21	2.72	8.96	4.08	--	--	--
3-Apr-21	2.87	8.50	4.04	--	--	--
4-Apr-21	1.50	4.15	3.10	--	--	--
5-Apr-21	2.46	8.24	3.91	--	--	--
6-Apr-21	2.72	5.00	3.56	--	--	--
7-Apr-21	3.07	10.50	5.44	--	--	--
8-Apr-21	3.40	10.50	5.30	--	--	--
9-Apr-21	2.72	6.00	3.57	--	--	--
10-Apr-21	2.60	4.33	3.21	--	--	--
11-Apr-21	2.50	3.96	3.19	--	--	--
12-Apr-21	2.71	6.00	3.60	--	--	--
13-Apr-21	2.95	6.58	4.08	--	--	--
14-Apr-21	1.50	5.00	3.18	--	--	--
15-Apr-21	1.50	7.00	3.73	--	--	--
16-Apr-21	2.57	8.00	3.53	--	--	--
17-Apr-21	1.00	4.00	2.87	--	--	--
18-Apr-21	1.81	4.50	3.15	--	--	--
19-Apr-21	2.00	7.00	3.43	--	--	--
20-Apr-21	2.69	6.00	3.50	--	--	--
21-Apr-21	2.00	3.55	3.10	--	--	--
22-Apr-21	2.16	4.20	2.89	--	--	--
23-Apr-21	2.29	3.80	2.91	--	--	--
24-Apr-21	2.00	3.50	2.92	--	--	--
25-Apr-21	1.78	4.50	3.15	--	--	--
26-Apr-21	2.57	7.00	3.56	--	--	--
27-Apr-21	2.57	4.10	3.33	--	--	--
28-Apr-21	2.65	5.20	3.44	--	--	--
29-Apr-21	2.00	5.00	3.37	--	--	--
30-Apr-21	1.50	3.53	2.93	--	--	--
	1.00[#]	10.50[#]	3.55	--	--	--

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) (MUs),
APRIL 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	192.63	101.48	-91.15	14.22	89.98	75.75	24.83	56.20	-31.37	-46.76
HARYANA	233.81	227.23	-6.58	179.26	58.88	-120.38	45.78	56.87	-11.09	-138.05
RAJASTHAN	24.54	172.70	148.16	649.26	118.47	-530.79	75.46	83.54	-8.09	-390.72
DELHI	90.81	175.60	84.79	475.87	31.31	-444.55	4.70	45.38	-40.68	-400.44
UTTAR PRADESH	0.00	125.62	125.62	1289.19	201.36	-1087.83	42.90	156.89	-113.99	-1076.21
UTTARAKHAND	7.41	1.87	-5.54	0.53	306.46	305.93	32.51	18.90	13.61	314.00
HIMACHAL P	29.09	188.56	159.47	117.71	115.04	-2.67	18.05	15.16	2.89	159.70
J & K	108.61	0.00	-108.61	1.48	452.93	451.45	26.05	36.76	-10.71	332.13
CHANDIGARH	0.00	0.00	0.00	19.42	1.51	-17.91	4.23	4.90	-0.68	-18.59
MP	311.32	193.00	-118.33	773.84	76.97	-696.88	47.58	79.02	-31.44	-846.64
MAHARASHTRA	17.79	277.02	259.23	47.20	719.02	671.81	66.31	68.76	-2.46	928.58
GUJARAT	483.24	786.30	303.06	177.87	1088.88	911.01	64.08	61.70	2.38	1216.45
CHHATTISGARH	4.50	214.41	209.91	241.55	4.43	-237.12	27.17	18.63	8.55	-18.67
GOA	0.00	22.86	22.86	10.73	26.05	15.32	4.21	9.76	-5.55	32.64
DAMAN AND DIU	0.00	0.10	0.10	0.00	5.74	5.74	4.65	1.74	2.92	8.76
DADRA & NAGAR H	0.00	0.99	0.99	2.92	22.09	19.17	6.09	4.39	1.70	21.85
ANDHRA P	8.10	289.21	281.10	18.87	1382.33	1363.46	53.86	43.45	10.41	1654.98
KARNATAKA	147.00	5.47	-141.53	167.57	56.50	-111.07	52.69	61.80	-9.11	-261.71
KERALA	0.00	137.46	137.46	28.38	25.64	-2.73	28.90	22.64	6.26	140.99
TAMIL NADU	2.20	1384.42	1382.22	20.35	521.60	501.25	73.36	57.73	15.64	1899.11
PONDICHERRY	0.00	0.00	0.00	0.00	0.00	0.00	3.49	5.74	-2.25	-2.25
TELANGANA	52.88	400.04	347.17	226.56	706.70	480.14	33.00	64.15	-31.15	796.16
WEST BENGAL	0.09	252.29	252.21	179.31	233.21	53.90	40.36	35.50	4.85	310.96
ODISHA	17.82	347.62	329.80	83.86	133.97	50.11	34.16	25.60	8.55	388.47
BIHAR	0.00	193.61	193.61	68.57	304.89	236.32	91.19	25.02	66.17	496.10
JHARKHAND	0.00	151.81	151.81	4.26	130.98	126.72	23.18	15.91	7.27	285.80
SIKKIM	12.48	32.38	19.91	10.68	0.80	-9.88	3.92	4.27	-0.36	9.67
DVC	252.79	6.73	-246.06	102.48	11.73	-90.75	34.87	22.26	12.61	-324.21
ARUNACHAL P	10.80	1.06	-9.74	1.23	12.36	11.13	6.11	3.70	2.41	3.80
ASSAM	0.00	0.00	0.00	32.04	191.08	159.03	20.07	9.11	10.96	169.99
MANIPUR	0.36	0.00	-0.36	1.49	9.81	8.32	2.73	2.88	-0.15	7.81
MEGHALAYA	1.08	41.47	40.39	1.39	10.99	9.61	6.84	3.43	3.41	53.41
MIZORAM	0.00	0.00	0.00	1.53	1.45	-0.08	3.49	1.72	1.77	1.69
NAGALAND	0.53	0.00	-0.53	0.91	9.57	8.66	3.13	1.50	1.62	9.76
TRIPURA	0.00	0.00	0.00	4.52	44.31	39.79	19.16	3.99	15.17	54.96
NTPC STNS-NR	0.00	0.00	0.00	9.76	0.00	-9.76	64.22	45.87	18.34	8.58
NHPC STNS	0.00	0.00	0.00	0.00	0.00	0.00	13.36	64.17	-50.82	-50.82
NFF	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.57	0.26	0.26
RAIL	0.00	0.00	0.00	0.00	0.00	0.00	10.64	0.69	9.95	9.95
NEP	0.00	36.51	36.51	0.00	0.00	0.00	3.80	1.02	2.78	39.29
NAPP	0.00	0.00	0.00	0.00	0.00	0.00	7.25	1.50	5.75	5.75
RAP B	0.00	0.00	0.00	0.00	0.00	0.00	1.19	1.44	-0.25	-0.25
NJPC	0.00	0.00	0.00	0.00	0.00	0.00	1.78	7.26	-5.47	-5.47
TEHRI	0.00	0.00	0.00	0.00	0.00	0.00	1.48	1.34	0.13	0.13
BBMB	0.00	0.00	0.00	0.00	0.00	0.00	2.38	10.13	-7.75	-7.75
RAP C	0.00	0.00	0.00	0.00	0.00	0.00	9.25	2.44	6.81	6.81
AD HYDRO	11.73	0.00	-11.73	4.90	0.00	-4.90	0.24	1.05	-0.80	-17.43
IGSTPS	0.00	0.00	0.00	0.00	0.00	0.00	7.08	1.53	5.56	5.56
KOTESHWAR	0.00	0.00	0.00	0.00	0.00	0.00	0.34	1.61	-1.27	-1.27
KARCHAM WANGTO	0.00	0.00	0.00	15.28	0.00	-15.28	4.07	3.95	0.13	-15.15
SHREE CEMENT	53.27	0.00	-53.27	23.07	0.00	-23.07	3.68	0.71	2.97	-73.38
LANCO BUDHIL	0.00	0.00	0.00	1.09	0.00	-1.09	0.21	0.57	-0.36	-1.44
RAMPUR HEP	0.00	0.00	0.00	0.00	0.00	0.00	0.43	3.92	-3.49	-3.49
SAINJ HEP	0.00	0.00	0.00	12.40	0.00	-12.40	0.34	0.68	-0.34	-12.74
RENEW_SLR	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.62	-0.02	-0.02
AZURE_SLR	0.00	0.00	0.00	0.00	0.00	0.00	1.28	2.56	-1.28	-1.28
SB_SLR	0.00	0.00	0.00	0.00	0.00	0.00	2.43	2.53	-0.10	-0.10
ACME_SLR	0.00	0.00	0.00	0.00	0.00	0.00	1.67	4.36	-2.68	-2.68
AZURE34_SLR	0.00	0.00	0.00	0.00	0.00	0.00	0.89	2.95	-2.05	-2.05
TATA_SLR	0.00	0.00	0.00	0.00	0.00	0.00	1.16	2.34	-1.18	-1.18

RENEW_SLR_BKN	0.00	0.00	0.00	0.00	0.00	0.00	1.84	3.75	-1.91	-1.91
CLEAN_SLR	0.00	0.00	0.00	0.00	0.00	0.00	2.30	4.33	-2.03	-2.03
ARERJL_SLR	0.00	0.00	0.00	0.00	0.00	0.00	2.12	1.42	0.70	0.70
ASEJTL_SLR	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.75	-0.29	-0.29
SINGOLI BHATWARI	0.00	0.00	0.00	13.27	0.00	-13.27	2.29	5.55	-3.26	-16.53
AZURE43_SLR	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.57	0.16	0.16
NTPC STNS-WR	0.00	0.00	0.00	47.35	0.00	-47.35	64.52	99.56	-35.04	-82.39
BHADRAVATHI HVDC	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.17	0.17
VINDHYACHAL HVDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	-0.20	-0.20
JINDAL POWER	128.54	0.00	-128.54	160.02	0.00	-160.02	1.24	6.82	-5.58	-294.14
LANKO_AMK	7.92	0.00	-7.92	0.00	0.00	0.00	0.61	6.57	-5.96	-13.88
NSPCL	0.00	0.00	0.00	0.00	0.00	0.00	1.88	1.48	0.40	0.40
ACBIL	0.72	0.00	-0.72	32.66	0.00	-32.66	1.31	2.56	-1.24	-34.62
BALCO	57.08	0.00	-57.08	13.42	0.00	-13.42	16.06	1.62	14.44	-56.05
RGPPL	0.00	0.00	0.00	0.54	0.00	-0.54	17.25	2.10	15.15	14.61
CGPL	0.00	0.00	0.00	0.00	0.00	0.00	7.16	2.30	4.86	4.85
DCPP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	-0.01	-0.01
EMCO	0.00	0.00	0.00	0.00	0.00	0.00	3.73	1.10	2.63	2.63
KSK MAHANADI	83.65	0.00	-83.65	0.00	0.00	0.00	2.66	2.75	-0.09	-83.74
ESSAR POWER	184.04	0.00	-184.04	83.43	0.00	-83.43	1.31	6.30	-4.98	-272.45
JINDAL STAGE-II	214.41	0.00	-214.41	20.78	0.00	-20.78	4.58	6.71	-2.13	-237.32
DB POWER	358.86	0.00	-358.86	86.30	0.00	-86.30	4.27	2.03	2.24	-442.92
DHARIWAL POWER	0.00	0.00	0.00	1.42	0.00	-1.42	1.09	2.38	-1.29	-2.70
JAYPEE NIGRIE	212.60	0.00	-212.60	175.86	0.00	-175.86	1.10	7.05	-5.95	-394.40
DGEN MEGA POWER	0.00	0.00	0.00	0.00	0.00	0.00	1.57	0.00	1.57	1.57
MB POWER	90.95	0.00	-90.95	80.14	0.00	-80.14	7.20	1.45	5.75	-165.34
MARUTI COAL	0.00	0.00	0.00	52.61	0.00	-52.61	0.00	0.00	0.00	-52.61
SPECTRUM	0.00	0.00	0.00	59.73	0.00	-59.73	0.00	0.00	0.00	-59.73
JHABUA POWER_MH	8.19	0.00	-8.19	21.94	0.02	-21.92	8.57	2.09	6.48	-23.63
SASAN UMPP	0.00	0.00	0.00	7.82	0.00	-7.82	1.11	54.68	-53.58	-61.40
TRN ENERGY	4.17	0.00	-4.17	4.08	0.00	-4.08	1.10	1.35	-0.25	-8.49
RKM POWER	202.97	0.00	-202.97	181.53	0.00	-181.53	5.77	2.81	2.95	-381.55
SKS POWER	180.80	0.00	-180.80	0.27	0.00	-0.27	3.30	0.96	2.34	-178.73
BARC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.75	-2.75	-2.75
KAPP 3&4	0.00	0.00	0.00	0.00	0.00	0.00	4.80	110.59	-105.80	-105.80
HVDC CHAMPA	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.11	0.08	0.08
MAHINDRA_RUMS	0.00	0.00	0.00	0.00	0.00	0.00	4.03	1.72	2.32	2.32
ARINSUM_RUMS	0.00	0.00	0.00	0.00	0.00	0.00	3.85	1.83	2.01	2.01
OSTRO	0.00	0.00	0.00	0.00	0.00	0.00	5.88	8.33	-2.46	-2.46
ACME_RUMS	0.00	0.00	0.00	0.00	0.00	0.00	3.43	1.39	2.05	2.05
RENEW_BHACHAU	0.00	0.00	0.00	0.00	0.00	0.00	5.37	7.95	-2.58	-2.58
GIWEL_BHUJ	0.00	0.00	0.00	0.00	0.00	0.00	11.32	14.85	-3.53	-3.53
INOX_BHUJ	0.00	0.00	0.00	0.00	0.00	0.00	5.25	4.49	0.76	0.76
AGEMPL BHUJ	0.00	0.00	0.00	0.00	0.00	0.00	11.06	8.67	2.39	2.39
REGL	355.01	0.00	-355.01	0.12	0.00	-0.12	6.08	0.87	5.21	-349.91
RPREL	853.42	0.00	-853.42	22.88	0.00	-22.88	9.52	1.84	7.68	-868.62
AMPS Hazira	0.00	6.05	6.05	0.00	53.76	53.76	17.29	21.98	-4.694	55.117
HVDC RAIGARH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	-0.21	-0.21
RGPPL_IR	0.00	0.00	0.00	5.28	0.00	-5.28	0.00	0.00	0.00	-5.28
RGPPL_Others	0.00	0.00	0.00	0.34	0.00	-0.34	0.00	0.00	0.00	-0.34
ALFANAR_BHUJ	0.00	0.00	0.00	0.00	0.00	0.00	5.67	8.08	-2.41	-2.41
RENEW_BHUJ	0.00	0.00	0.00	0.00	0.00	0.00	5.48	9.59	-4.11	-4.11
NTPC STNS-SR	0.00	0.00	0.00	19.45	0.00	-19.45	29.23	27.35	1.88	-17.58
LANKO KONDAPALL	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.00	0.62	0.62
SIMHAPURI	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.00	0.57	0.57
MEENAKSHI	65.26	0.00	-65.26	0.00	0.00	0.00	3.91	0.50	3.42	-61.84
COASTGEN	0.00	0.00	0.00	0.00	0.00	0.00	5.37	1.75	3.62	3.62
THERMAL POWERTE	3.72	0.00	-3.72	0.00	0.00	0.00	11.87	1.01	10.86	7.14
IL&FS	78.26	0.00	-78.26	62.78	0.00	-62.78	8.29	0.53	7.76	-133.27
NLC	0.00	0.00	0.00	41.37	0.00	-41.37	16.62	13.66	2.96	-38.41
SEMBCORP	267.17	0.00	-267.17	432.69	0.00	-432.69	4.49	3.25	1.24	-698.61
NETCL VALLUR	0.00	0.00	0.00	0.00	0.00	0.00	15.59	1.78	13.81	13.81
NTPL	0.00	0.00	0.00	21.82	0.00	-21.82	2.93	2.33	0.60	-21.22
AHSP_ANTP	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.66	-0.04	-0.04
AKSP_ANTP	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.76	-0.18	-0.18
ABSP_ANTP	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.75	-0.18	-0.18
AZURE_ANTP	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.41	0.17	0.17
TATA_ANTP	0.00	0.00	0.00	0.00	0.00	0.00	1.07	1.30	-0.24	-0.24

FRV_ANTP	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.54	0.13	0.13
NTPC_ANTP	0.00	0.00	0.00	0.00	0.00	0.00	2.26	2.84	-0.58	-0.58
GIWEL_TCN	0.00	0.00	0.00	0.00	0.00	0.00	10.16	3.24	6.92	6.92
MYTRAH_TCN	0.00	0.00	0.00	0.00	0.00	0.00	10.95	2.61	8.33	8.33
FRV_NPK	0.00	0.00	0.00	0.00	0.00	0.00	0.49	1.02	-0.52	-0.52
ORANGE_TCN	0.00	0.00	0.00	0.00	0.00	0.00	7.67	3.49	4.17	4.17
BETAM_TCN	0.00	0.00	0.00	0.00	0.00	0.00	7.84	3.70	4.14	4.14
SBG_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	2.46	1.72	0.73	0.73
SBG_NPK	0.00	0.00	0.00	0.00	0.00	0.00	3.17	2.75	0.42	0.42
FORTUM1_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.80	1.21	-0.40	-0.40
PARAM_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	1.98	1.68	0.29	0.29
YARROW_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.89	-0.57	-0.57
TATA_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	2.76	6.30	-3.54	-3.54
RENEW_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.95	-0.51	-0.51
AKS_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.90	-0.55	-0.55
ARS_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.85	-0.70	-0.70
AVAADA1_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.89	1.50	-0.62	-0.62
ADY1_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.79	-0.56	-0.56
ADY2_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.09	1.17	-1.07	-1.07
ADY13_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.16	1.06	-0.90	-0.90
ADY3_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.29	1.04	-0.76	-0.76
ADY6_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.26	1.25	-1.00	-1.00
ADY10_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.77	-0.57	-0.57
AZURE_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.34	2.63	-2.29	-2.29
FORTUM2_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.62	5.53	-4.91	-4.91
AVAADA2_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.70	2.37	-1.67	-1.67
KREDL_PVGD	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.28	0.28	0.28
AYANA_NPKUNTA	0.00	0.00	0.00	0.00	0.00	0.00	1.21	4.82	-3.61	-3.61
SPRNG_NPKUNTA	0.00	0.00	0.00	0.00	0.00	0.00	0.84	3.65	-2.81	-2.81
SPRING_PUGALUR	0.00	0.00	0.00	0.00	0.00	0.00	9.66	2.34	7.32	7.32
NTPC STNS-ER	0.00	0.00	0.00	7.51	0.00	-7.51	53.70	15.45	38.25	30.73
MAITHON POWER LT	0.00	0.00	0.00	0.00	0.00	0.00	2.95	2.91	0.04	0.04
NPGC	0.00	0.00	0.00	0.00	0.00	0.00	2.50	1.85	0.65	0.65
ADHUNIK POWER L	135.97	0.00	-135.97	67.95	0.00	-67.95	2.76	4.85	-2.09	-206.02
CHUZACHEN HEP	0.00	0.00	0.00	2.32	0.00	-2.32	0.51	1.01	-0.50	-2.81
RANGIT HEP	0.00	0.00	0.00	0.00	0.00	0.00	1.07	1.26	-0.19	-0.19
GMR KAMALANGA	0.39	0.00	-0.39	41.72	0.00	-41.72	1.32	4.59	-3.27	-45.38
JITPL	381.37	0.00	-381.37	87.04	0.00	-87.04	3.96	1.62	2.34	-466.07
TEESTA HEP	0.00	0.00	0.00	0.00	0.00	0.00	0.64	6.78	-6.14	-6.14
DAGACHU	16.80	0.00	-16.80	0.00	0.00	0.00	6.37	0.00	6.37	-10.43
JORETHANG	8.95	0.00	-8.95	0.02	0.00	-0.02	3.06	0.35	2.72	-6.25
NEPAL(NVVN)	0.00	184.55	184.55	0.00	16.48	16.48	46.66	1.83	44.83	245.86
BANGLADESH	0.00	65.26	65.26	0.00	0.00	0.00	4.94	5.61	-0.66	64.60
HVDC PUS	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.12	-0.12	-0.12
TEESTA STG3	24.91	0.00	-24.91	188.92	0.00	-188.92	8.31	1.74	6.58	-207.25
DIKCHU HEP	2.31	0.00	-2.31	21.32	0.00	-21.32	2.22	1.84	0.38	-23.25
HVDC ALPD	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.07	-0.03	-0.03
TASHIDENG HEP	7.83	0.00	-7.83	0.00	0.00	0.00	1.80	0.39	1.41	-6.42
BRBCL,NABINAGAR	0.00	0.00	0.00	1.13	0.00	-1.13	3.37	2.78	0.59	-0.54
MTPS II	0.00	0.00	0.00	0.00	0.00	0.00	1.92	0.67	1.25	1.25
TALA HEP	0.00	0.00	0.00	0.00	0.00	0.00	48.71	0.05	48.67	48.67
CHUKHA HEP	0.00	0.00	0.00	0.00	0.00	0.00	0.75	30.51	-29.76	-29.76
KURICHU HEP	0.00	0.00	0.00	0.00	0.00	0.00	17.06	0.68	16.38	16.38
MANGDECHU HEP	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.21	-0.21	-0.21
NTPC STNS-NER	0.11	0.00	-0.11	46.81	0.00	-46.81	8.68	3.25	5.42	-41.50
NEEPCO STNS	12.16	0.00	-12.16	31.04	0.00	-31.04	1.67	5.93	-4.26	-47.46
RANGANADI HEP	0.00	0.00	0.00	0.00	0.00	0.00	1.43	1.22	0.21	0.21
DOYANG HEP	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.24	0.00	0.00
ONGC PALATANA	0.00	0.00	0.00	10.05	0.00	-10.05	2.62	0.74	1.88	-8.17
LOKTAK	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.61	-0.38	-0.38
PARE HEP	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.42	-0.29	-0.29

Source: NLDC

* 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.

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

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