

Monthly Report on Short-term Transactions of Electricity in India

May 2021



Economics Division
Central Electricity Regulatory Commission
36, Janpath, Chanderlok Building



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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 |
| 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 | 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. 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 **May 2021** is presented in the following sections.

2. Volume of Short-term Transactions of Electricity

2.1. During May 2021, total electricity generation excluding generation from renewable and captive power plants in India was 103960.21 MU (Table-1). Of the total electricity generation, 13.38% was transacted through short-term, comprising of 5.74% through bilateral (through traders and term-ahead contracts on power exchanges and directly between distribution companies), followed by 5.58% through Day Ahead Market (DAM) and Real Time Market (RTM) of power exchanges and 2.05% through DSM (Table-1 & Figure-1).

2.2. Of the total short-term transactions (13905.67 MU), bilateral constitutes 42.93% (34.50% through traders and term-ahead contracts on power exchanges and 8.43% directly between distribution companies), followed by 41.73% through DAM and RTM of power exchanges and 15.33% 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, 62.83% of the volume was transacted in DAM, followed by 20.66% in RTM and 16.51% 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 35 trading licensees as on May 2021. During May 2021, 23 trading licensees were engaged in short term trading. Top 5 trading licensees had a share of 85.40% in the total volume traded by all the licensees. These were PTC India Ltd., NTPC Vidyut Vyapar Nigam Ltd., Tata Power Trading Company (P) Ltd., Adani Enterprises 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 0.2689 for the month of May 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 4363.88 MU and 3.32 MU respectively. The volume of total buy bids and sell bids was 4958.05 MU and 9599.01 MU respectively in IEX, while the same was 22.60 MU and 223.43 MU respectively in PXIL.

2.7. The volume of electricity transacted in the RTM of IEX was 1436.28 MU. No electricity was transacted in the RTM of PXIL. The volume of total buy bids and sell bids was 1698.46 MU and 3700.56 MU 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 382.62 MU and 419.36 MU respectively (Table-7 & Table-8). The volume of electricity transacted in the

Green Term Ahead Market (G-TAM) of IEX and PXIL was 344.97 MU and 0.60 MU 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 ₹2.49/kWh, ₹5.46/kWh and ₹3.27/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 ₹3.15/kWh, ₹4.69/kWh and ₹3.70/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 ₹1.50/kWh, ₹7.10/kWh and ₹2.90/kWh respectively. These prices in the DAM of PXIL were ₹1.25/kWh, ₹4.41/kWh and ₹2.96/kWh respectively (Table-5). The minimum, maximum and weighted average prices for the electricity transacted in the RTM of IEX were ₹0.50/kWh, ₹6.01/kWh and ₹2.61/kWh respectively (Table-6). The price of electricity transacted in the TAM of IEX and PXIL was ₹3.04/kWh and ₹3.09/kWh respectively (Table-7 and Table-8). The price of electricity transacted in the G-TAM of IEX and PXIL was ₹3.54/kWh and ₹3.48/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 ₹2.81/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 upto 7 paise/kWh. The weighted average trading

margin charged by the trading licensees for bilateral transactions during the month was ₹0.024/kWh.

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

5.1. Of the total bilateral transactions, top 5 regional entities sold 38.38% of the volume, and these were Raipur Energen Limited, Jindal India Thermal Power Ltd., Madhya Pradesh, Sembcorp Gayatri Power Ltd. and Jaypee Nigrie Super Thermal Power Project. Top 5 regional entities purchased 53.60% of the volume, and these were Gujarat, Tamil Nadu, Uttar Pradesh, Haryana and Punjab (Table-12 & 13).

5.2. Of the total DAM transactions of power exchanges, top 5 regional entities sold 38.06% of the volume, and these were Uttar Pradesh, Teesta Stage 3 Hydro Power Project, Odisha, Chhattisgarh and Himachal Pradesh. Top 5 regional entities purchased 72.69% of the volume, and these were Andhra Pradesh, Gujarat, Maharashtra, Tamil Nadu and Punjab (Table-14 & 15).

5.3. Of the total RTM transactions of power exchanges, top 5 regional entities sold 40.98% of the volume, and these were Neyveli Lignite Corporation Limited, Madhya Pradesh, Rajasthan, Uttar Pradesh and West Bengal. Top 5 regional entities purchased 52.66% of the volume, and these were Andhra Pradesh, Jammu & Kashmir, Meenakshi Energy Private Limited, Maharashtra and Rajasthan (Table-16 & 17).

5.4. Of the total DSM transactions, top 5 regional entities under drew 24.05% of the volume, and these were Uttar Pradesh, Madhya Pradesh, NTPC Stations (Western Region), Rajasthan and NHPC Stations (Table-18). Top 5 regional entities overdrew 22.16% of the volume, and these were Rajasthan, Bihar, Andhra Pradesh, NTPC Stations (Western Region) and Tala Hydroelectric Project, Bhutan (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

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.

Table-20 & 25. Top 5 electricity selling regional entities were Raipur Energen Limited, Sembcorp Gayatri Power Ltd., Madhya Pradesh, Jindal India Thermal Power Ltd. and Teesta Stage 3 Hydro Power Project. Top 5 electricity purchasing regional entities were Andhra Pradesh, Gujarat, Tamil Nadu, Maharashtra and Punjab.

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. During the month of May 2021, there was no congestion on IEX and PXIL both (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.

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 May 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 13.38%.
- (2) Of the total short-term transactions, bilateral constitutes 42.93% (34.50% through traders and term-ahead contracts on power exchanges and 8.43% directly between distribution companies), followed by 41.73% through DAM and RTM of power exchanges and 15.33% through DSM
- (3) Of the total volume of electricity transacted through power exchanges, 62.83% of the volume was transacted in DAM, followed by 20.66% in RTM and 16.51% in Term Ahead Market (TAM) (including G-TAM).
- (4) Top 5 trading licensees had a share of 85.40% 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 0.2689, indicating high concentration of market power.
- (6) The weighted average price of electricity transacted through trading licensees was ₹3.27/kWh.

- (7) The weighted average price of electricity transacted in the TAM of IEX and PXIL was ₹3.04/kWh and ₹3.09/kWh respectively. The weighted average price of electricity transacted in the G-TAM of IEX and PXIL was ₹3.54/kWh and ₹3.48/kWh respectively.
- (8) The weighted average price of electricity transacted in DAM of IEX and PXIL was ₹2.90/kWh and ₹2.96/kWh. The weighted average price of electricity transacted in RTM of IEX was ₹2.61/kWh. No electricity was transacted in the RTM of PXIL.
- (9) The average price of electricity transacted through DSM was ₹2.81/kWh.
- (10) The weighted average trading margin charged by the trading licensees for bilateral transactions was ₹0.024/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 Raipur Energen Limited, Sembcorp Gayatri Power Ltd., Madhya Pradesh, Jindal India Thermal Power Ltd. and Teesta Stage 3 Hydro Power Project. Top 5 electricity purchasing regional entities were Andhra Pradesh, Gujarat, Tamil Nadu, Maharashtra and Punjab.
- (12) During the month of May 2021, no congestion occurred in both IEX and PXIL.
- (13) There were no transactions of RECs on both the power exchanges during the month of May 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), MAY 2021 | | | | |
|--|--------------------------------|--------------------|---|------------------------------|
| Sr. No | Short-term transactions | Volume (MU) | % to Volume of short-term transactions | % to Total Generation |
| 1 | Bilateral | 5969.77 | 42.93 | 5.74 |
| | (i) Through Traders and PXs | 4796.97 | 34.50 | 4.61 |
| | (ii) Direct | 1172.80 | 8.43 | 1.13 |
| 2 | Through Power Exchanges | 5803.48 | 41.73 | 5.58 |
| | (i) IEX | | | |
| | (a) DAM | 4363.88 | 31.38 | 4.20 |
| | (b) RTM | 1436.28 | 10.33 | 1.38 |
| | (ii)PXIL | | | |
| | (a) DAM | 3.32 | 0.02 | 0.00 |
| | (b) RTM | 0.00 | 0.00 | 0.00 |
| 3 | Through DSM | 2132.42 | 15.33 | 2.05 |
| | Total | 13905.67 | - | 13.38 |
| | Total Generation | 103960.21 | - | - |

Source: NLDC

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

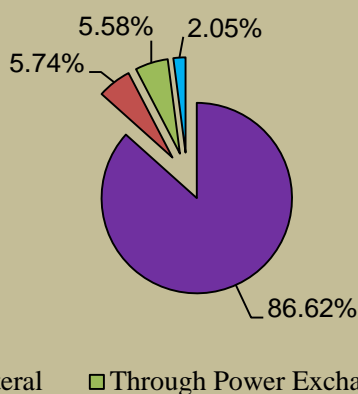


Figure-2: Volume of Short-term Transactions of Electricity, May 2021

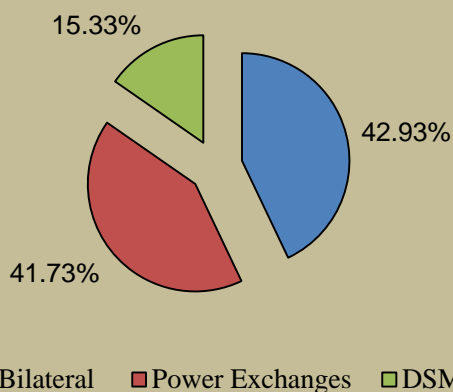


Figure-3: Volume transacted in different markets segments on Power Exchanges, May 2021

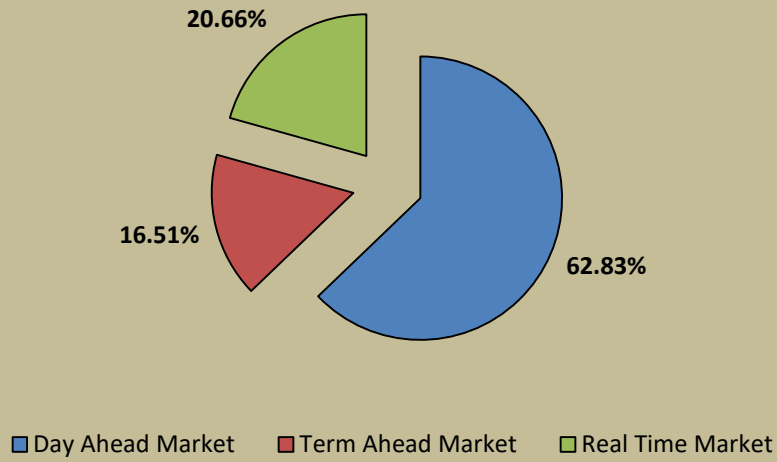
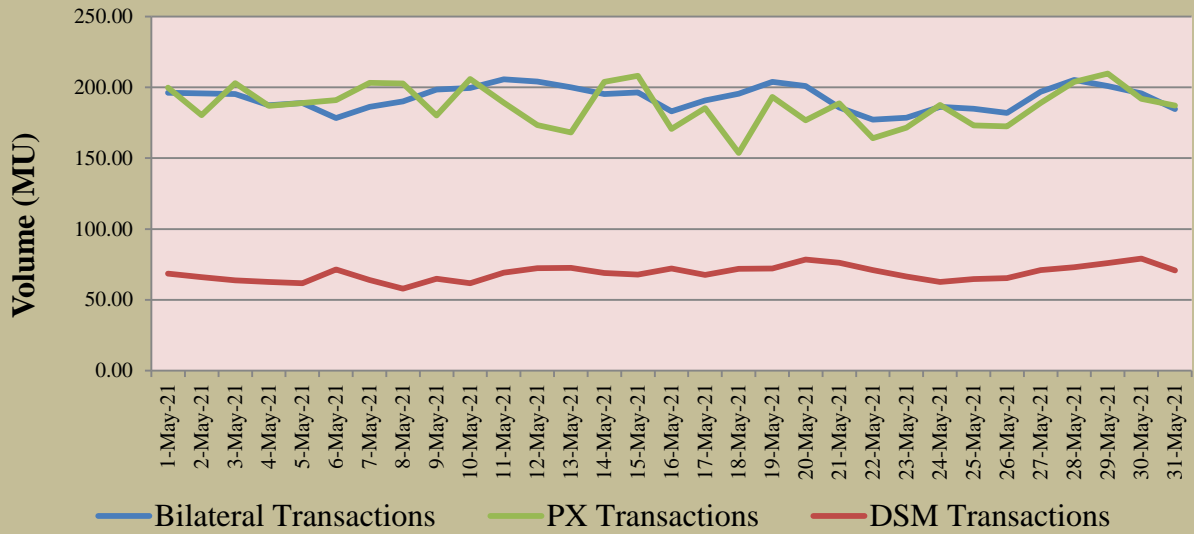


Figure-4: Volume of Short-term Transactions of Electricity, May 2021 (Day-wise)



| Table-2: PERCENTAGE SHARE OF ELECTRICITY TRANACTED BY TRADING LICENSEES, MAY 2021 | | | |
|---|---|--|-----------------------------------|
| Sr.No | Name of the Trading Licensee | % Share in total Volume transacted by Trading Licensees | Herfindahl-Hirschman Index |
| 1 | PTC India Ltd. | 47.76 | 0.2281 |
| 2 | NTPC Vidyut Vyapar Nigam Ltd. | 11.54 | 0.0133 |
| 3 | Tata Power Trading Company (P) Ltd. | 10.80 | 0.0117 |
| 4 | Adani Enterprises Ltd. | 9.60 | 0.0092 |
| 5 | Manikaran Power Ltd. | 5.71 | 0.0033 |
| 6 | GMR Energy Trading Ltd. | 4.46 | 0.0020 |
| 7 | Arunachal Pradesh Power Corporation (P) ltd | 2.43 | 0.0006 |
| 8 | Kreate Energy (I) Pvt. Ltd. | 1.78 | 0.0003 |
| 9 | Instinct Infra & Power Ltd. | 1.52 | 0.0002 |
| 10 | National Energy Trading & Services Ltd. | 1.02 | 0.0001 |
| 11 | Knowledge Infrastructure Systems (P) Ltd | 0.71 | 0.0001 |
| 12 | RPG Power Trading Company Ltd. | 0.57 | 0.0000 |
| 13 | Essar Electric Power Development Corp. Ltd. | 0.41 | 0.0000 |
| 14 | Statkraft Markets Pvt. Ltd. | 0.38 | 0.0000 |
| 15 | IPCL Power Trading Pvt. Ltd. | 0.31 | 0.0000 |
| 16 | Abja Power Private Limited | 0.25 | 0.0000 |
| 17 | JSW Power Trading Company Ltd | 0.25 | 0.0000 |
| 18 | Refex Energy Limited | 0.17 | 0.0000 |
| 19 | Gita Power & Infrastructure Private Limited | 0.15 | 0.0000 |
| 20 | Customized Energy Solutions India (P) Ltd. | 0.08 | 0.0000 |
| 21 | NLC India Ltd. | 0.05 | 0.0000 |
| 22 | Shree Cement Ltd. | 0.04 | 0.0000 |
| 23 | Phillip Commodities India (P) Ltd. | 0.02 | 0.0000 |
| TOTAL | | 100.00% | 0.2689 |
| Top 5 trading licensees | | 85.40% | |
| <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> | | | |

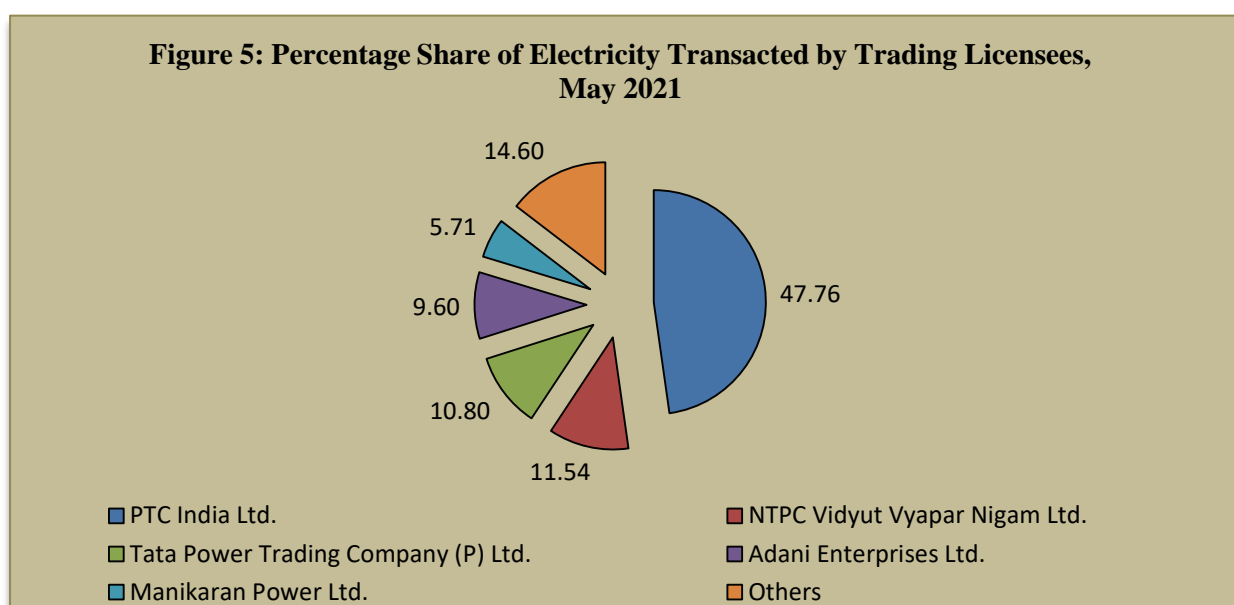


Table-3: PRICE OF ELECTRICITY TRANSACTED THROUGH TRADERS, MAY 2021

| Sr.No | Item | Sale Price of Traders (₹/kWh) |
|-------|------------------|-------------------------------|
| 1 | Minimum | 2.49 |
| 2 | Maximum | 5.46 |
| 3 | Weighted Average | 3.27 |

Source: Information submitted by trading licensees

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

| Sr.No | Period of Trade | Sale Price of Traders (₹/kWh) |
|-------|-----------------|-------------------------------|
| 1 | RTC | 3.15 |
| 2 | PEAK | 4.69 |
| 3 | OFF PEAK | 3.70 |

Source: Information submitted by trading licensees

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

| Sr.No | ACP | Price in IEX (₹/kWh) | Price in PXIL (₹/kWh) |
|-------|------------------|----------------------|-----------------------|
| 1 | Minimum | 1.50 | 1.25 |
| 2 | Maximum | 7.10 | 4.41 |
| 3 | Weighted Average | 2.90 | 2.96 |

Source: IEX and PXIL

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

| Sr.No | ACP | Price in IEX (₹/kWh) | Price in PXIL (₹/kWh) |
|-------|------------------|----------------------|-----------------------|
| 1 | Minimum | 0.50 | - |
| 2 | Maximum | 6.01 | - |
| 3 | Weighted Average | 2.61 | - |

Source: IEX and PXIL

| Table-7: VOLUME AND PRICE OF ELECTRICITY IN TERM AHEAD MARKET OF IEX, MAY 2021 | | | |
|---|---------------------------------|-------------------------------------|---------------------------------------|
| Sr.No | Term ahead contracts | Actual Scheduled Volume (MU) | Weighted Average Price (₹/kWh) |
| 1 | Intra-Day Contracts | 2.65 | 4.77 |
| 2 | Day Ahead Contingency Contracts | 122.90 | 3.03 |
| 3 | Daily Contracts | 257.07 | 3.03 |
| | Total | 382.62 | 3.04 |

Source: IEX

| Table-8: VOLUME AND PRICE OF ELECTRICITY IN TERM AHEAD MARKET OF PXIL, MAY 2021 | | | |
|--|-----------------------------|-------------------------------------|---------------------------------------|
| Sr.No | Term ahead contracts | Actual Scheduled Volume (MU) | Weighted Average Price (₹/kWh) |
| 1 | Intra-Day Contracts | 69.18 | 3.21 |
| 2 | Any Day(s) Contracts | 350.18 | 3.07 |
| | Total | 419.36 | 3.09 |

Source: PXIL

| Table-9: VOLUME AND PRICE OF ELECTRICITY IN GREEN TERM AHEAD MARKET OF IEX, MAY 2021 | | | |
|---|-----------------------------------|-------------------------------------|---------------------------------------|
| Sr.No | Green Term ahead contracts | Actual Scheduled Volume (MU) | Weighted Average Price (₹/kWh) |
| 1 | Intra-Day Contracts | 12.095 | 4.06 |
| 2 | Day Ahead Contingency Contracts | 304.55 | 3.54 |
| 3 | Daily Contracts | 11.08 | 3.26 |
| 4 | Weekly Contracts | 17.25 | 3.40 |
| | Total | 344.97 | 3.54 |

Source: IEX

| Table-10: VOLUME AND PRICE OF ELECTRICITY IN GREEN TERM AHEAD MARKET OF PXIL, MAY 2021 | | | |
|---|-----------------------------------|-------------------------------------|---------------------------------------|
| Sr.No | Green Term ahead contracts | Actual Scheduled Volume (MU) | Weighted Average Price (₹/kWh) |
| 1 | Any Day(s) Contracts | 0.60 | 3.48 |
| | Total | 0.60 | 3.48 |

Source: PXIL

| Table-11: PRICE OF ELECTRICITY TRANSACTED THROUGH DSM, MAY 2021 | | |
|--|-------------|--|
| Sr.No | Item | Price in All India Grid (₹/kWh) |
| 1 | Minimum | 0.00 |
| 2 | Maximum | 8.00 |
| 3 | Average | 2.81 |

Source: NLDC

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

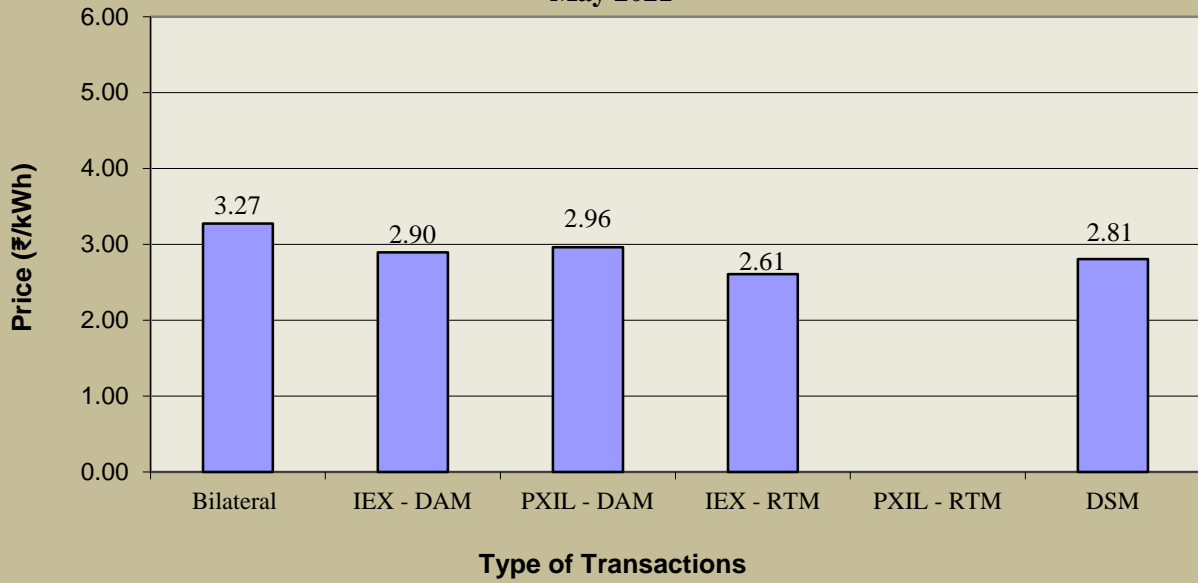
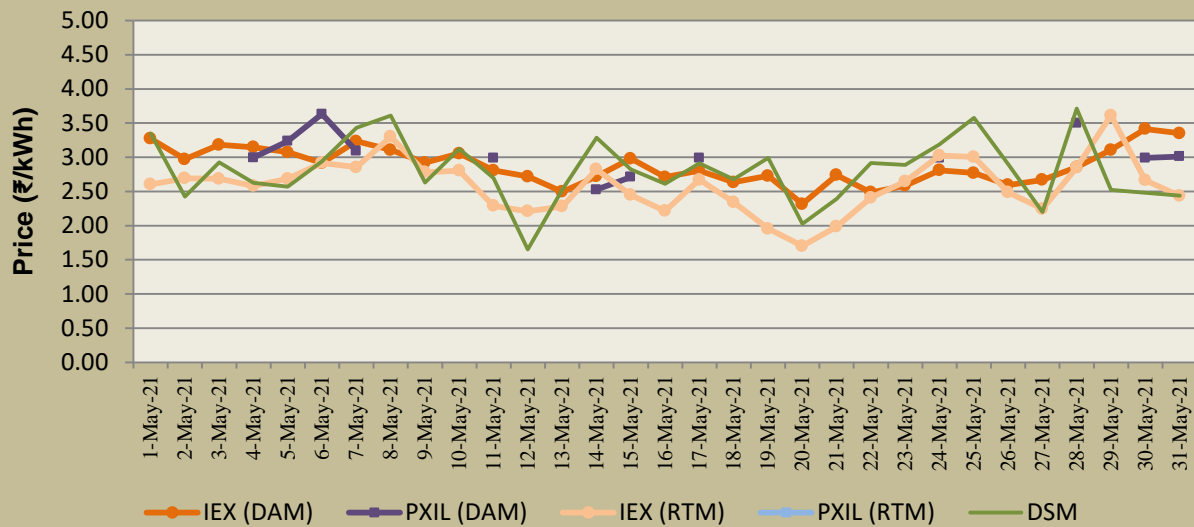


Figure-7: Price of Short-term Transactions of Electricity, May 2021 (Day-wise)



Note: In PXIL, electricity was transacted in DAM on 4th – 7th, 11th, 14th-15th, 17th 24th, 28th, 30th – 31st May 2021, while no electricity was transacted in RTM during May 2021

| Table-12: VOLUME OF ELECTRICITY SOLD THROUGH BILATERAL, MAY 2021 | | |
|---|----------------------------|--------------------|
| Name of the Entity | Volume of Sale (MU) | % of Volume |
| RPREL | 812.23 | 13.61 |
| JITPL | 405.34 | 6.79 |
| MP | 374.79 | 6.28 |
| SEMBCORP | 358.99 | 6.01 |
| JAYPEE NIGRIE | 339.86 | 5.69 |
| REGL | 334.98 | 5.61 |
| DB POWER | 316.99 | 5.31 |
| J & K | 261.49 | 4.38 |
| GUJARAT | 260.12 | 4.36 |
| TELANGANA | 199.00 | 3.33 |
| SKS POWER | 195.52 | 3.28 |
| ESSAR POWER | 188.26 | 3.15 |
| HIMACHAL PRADESH | 185.70 | 3.11 |
| KARNATAKA | 169.10 | 2.83 |
| DVC | 157.09 | 2.63 |
| BALCO | 132.33 | 2.22 |
| ADHUNIK POWER LTD | 122.13 | 2.05 |
| MEENAKSHI | 118.10 | 1.98 |
| RAJASTHAN | 117.27 | 1.96 |
| JINDAL STAGE-II | 94.47 | 1.58 |
| PUNJAB | 90.00 | 1.51 |
| TEESTA STG3 | 86.86 | 1.46 |
| MB POWER | 81.56 | 1.37 |
| JINDAL POWER | 58.78 | 0.98 |
| KSK MAHANADI | 57.27 | 0.96 |
| JHABUA POWER_MP | 55.19 | 0.92 |
| SIKKIM | 42.66 | 0.71 |
| NEEPCO STATIONS | 41.78 | 0.70 |
| RKM POWER | 35.55 | 0.60 |
| DIKCHU HEP | 33.56 | 0.56 |
| DAGACHU | 29.95 | 0.50 |
| AD HYDRO | 28.78 | 0.48 |
| UTTARAKHAND | 22.80 | 0.38 |
| IL&FS | 22.51 | 0.38 |
| ODISHA | 19.13 | 0.32 |
| MANIPUR | 18.60 | 0.31 |
| ARUNACHAL PRADESH | 15.22 | 0.25 |
| MAHARASHTRA | 14.88 | 0.25 |
| KERALA | 12.70 | 0.21 |
| ANDHRA PRADESH | 10.15 | 0.17 |
| LANKO_AMK | 8.17 | 0.14 |
| DELHI | 7.79 | 0.13 |
| MEGHALAYA | 5.70 | 0.10 |
| CHHATTISGARH | 5.31 | 0.09 |
| WEST BENGAL | 4.98 | 0.08 |
| TRN ENERGY | 3.84 | 0.06 |
| TASHIDENG HEP | 2.26 | 0.04 |
| THERMAL POWERTECH | 2.20 | 0.04 |
| UTTAR PRADESH | 1.98 | 0.03 |
| JORETHANG | 1.89 | 0.03 |
| NAGALAND | 1.25 | 0.02 |
| HARYANA | 1.13 | 0.02 |
| TAMIL NADU | 0.69 | 0.01 |
| NTPC STATIONS-NER | 0.33 | 0.01 |
| ACBIL | 0.31 | 0.01 |
| GMR KAMALANGA | 0.09 | 0.002 |
| Total | 5969.61 | 100.00 |
| Volume Sold by top 5 Regional Entities | 2291.22 | 38.38 |

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

| Name of the Entity | Volume of Purchase (MU) | % of Volume |
|--|-------------------------|---------------|
| GUJARAT | 821.60 | 13.76 |
| TAMIL NADU | 803.84 | 13.47 |
| UTTAR PRADESH | 605.43 | 10.14 |
| HARYANA | 527.79 | 8.84 |
| PUNJAB | 441.15 | 7.39 |
| DELHI | 411.02 | 6.88 |
| ANDHRA PRADESH | 390.56 | 6.54 |
| ODISHA | 351.11 | 5.88 |
| MAHARASHTRA | 196.05 | 3.28 |
| CHHATTISGARH | 191.35 | 3.21 |
| RAJASTHAN | 178.93 | 3.00 |
| WEST BENGAL | 176.27 | 2.95 |
| BIHAR | 167.31 | 2.80 |
| MP | 153.04 | 2.56 |
| JHARKHAND | 122.13 | 2.05 |
| BANGLADESH | 118.10 | 1.98 |
| KERALA | 88.69 | 1.49 |
| GOA | 43.59 | 0.73 |
| NEPAL(NVVN) | 41.78 | 0.70 |
| SIKKIM | 37.59 | 0.63 |
| NEP | 32.83 | 0.55 |
| MEGHALAYA | 28.07 | 0.47 |
| DVC | 7.82 | 0.13 |
| AMPS Hazira | 7.65 | 0.13 |
| DADRA & NAGAR HAVELI | 7.49 | 0.13 |
| UTTARAKHAND | 4.53 | 0.08 |
| TELANGANA | 4.27 | 0.07 |
| ASSAM | 4.14 | 0.07 |
| KARNATAKA | 2.30 | 0.04 |
| DAMAN AND DIU | 1.83 | 0.03 |
| MANIPUR | 1.52 | 0.03 |
| TOTAL | 5969.77 | 100.00 |
| Volume Purchased by top 5 Regional Entities | 3199.82 | 53.60 |

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

| Name of the Entity | Volume of Sale (MU) | % of Volume |
|----------------------|---------------------|-------------|
| UTTAR PRADESH | 563.41 | 12.90 |
| TEESTA STG3 | 319.36 | 7.31 |
| ODISHA | 294.87 | 6.75 |
| CHHATTISGARH | 247.67 | 5.67 |
| HIMACHAL PRADESH | 236.84 | 5.42 |
| DELHI | 204.83 | 4.69 |
| SEMBCORP | 201.12 | 4.61 |
| WEST BENGAL | 197.16 | 4.51 |
| TELANGANA | 185.89 | 4.26 |
| MP | 177.52 | 4.06 |
| KARNATAKA | 154.60 | 3.54 |
| BIHAR | 139.82 | 3.20 |
| KERALA | 137.17 | 3.14 |
| RAJASTHAN | 132.49 | 3.03 |
| RKM POWER | 114.46 | 2.62 |
| JINDAL POWER | 100.59 | 2.30 |
| DB POWER | 86.83 | 1.99 |
| HARYANA | 77.34 | 1.77 |
| MB POWER | 77.09 | 1.77 |
| JITPL | 50.31 | 1.15 |
| MARUTI COAL | 48.61 | 1.11 |
| SPECTRUM | 45.77 | 1.05 |
| ASSAM | 39.24 | 0.90 |
| GOA | 37.32 | 0.85 |
| ESSAR POWER | 35.33 | 0.81 |
| TAMIL NADU | 30.04 | 0.69 |
| CHANDIGARH | 30.02 | 0.69 |
| KARCHAM WANGTOO | 29.15 | 0.67 |
| SINGOLI BHATWARI HEP | 26.70 | 0.61 |
| SAINJ HEP | 25.79 | 0.59 |
| JINDAL STAGE-II | 24.72 | 0.57 |
| JAYPEE NIGRIE | 22.80 | 0.52 |
| GMR KAMALANGA | 21.73 | 0.50 |
| ONGC PALATANA | 21.68 | 0.50 |
| MAHARASHTRA | 20.21 | 0.46 |
| GUJARAT | 18.34 | 0.42 |
| ADHUNIK POWER LTD | 18.18 | 0.42 |
| DVC | 17.74 | 0.41 |
| JHABUA POWER_MP | 16.92 | 0.39 |
| EMCO | 16.79 | 0.38 |
| DIKCHU HEP | 16.14 | 0.37 |
| JHARKHAND | 15.72 | 0.36 |
| ANDHRA PRADESH | 12.93 | 0.30 |
| AD HYDRO | 11.71 | 0.27 |
| NTPC STATIONS-NER | 8.77 | 0.20 |
| TRN ENERGY | 6.30 | 0.14 |
| ARUNACHAL PRADESH | 6.01 | 0.14 |
| ACBIL | 5.71 | 0.13 |

| | | |
|---|----------------|---------------|
| REGL | 4.31 | 0.10 |
| CHUZACHEN HEP | 3.80 | 0.09 |
| RPREL | 3.70 | 0.08 |
| MIZORAM | 3.25 | 0.07 |
| NTPL | 3.08 | 0.07 |
| UTTARAKHAND | 3.00 | 0.07 |
| NLC | 2.84 | 0.07 |
| BALCO | 2.82 | 0.06 |
| LANCO BUDHIL | 2.62 | 0.06 |
| NTPC STATIONS-SR | 2.06 | 0.05 |
| TASHIDENG HEP | 1.51 | 0.03 |
| JORETHANG | 1.46 | 0.03 |
| KSK MAHANADI | 0.81 | 0.02 |
| DADRA & NAGAR HAVELI | 0.63 | 0.01 |
| RGPPL_IR | 0.55 | 0.01 |
| IL&FS | 0.41 | 0.01 |
| DHARIWAL POWER | 0.34 | 0.01 |
| NAGALAND | 0.19 | 0.004 |
| PUNJAB | 0.05 | 0.001 |
| Total | 4367.20 | 100.00 |
| Volume sold by top 5 Regional Entities | 1662.15 | 38.06 |

| Table-15: VOLUME OF ELECTRICITY PURCHASED IN DAY AHEAD MARKET THROUGH POWER EXCHANGES, MAY 2021 | | |
|--|--------------------------------|--------------------|
| Name of the Entity | Volume of Purchase (MU) | % of Volume |
| ANDHRA PRADESH | 1122.99 | 25.71 |
| GUJARAT | 991.66 | 22.71 |
| MAHARASHTRA | 491.08 | 11.24 |
| TAMIL NADU | 333.63 | 7.64 |
| PUNJAB | 235.03 | 5.38 |
| HARYANA | 126.13 | 2.89 |
| NEPAL(NVVN) | 118.73 | 2.72 |
| TELANGANA | 107.67 | 2.47 |
| UTTARAKHAND | 95.67 | 2.19 |
| ASSAM | 95.38 | 2.18 |
| RAJASTHAN | 91.70 | 2.10 |
| J & K | 85.83 | 1.97 |
| KARNATAKA | 64.54 | 1.48 |
| MP | 50.69 | 1.16 |
| UTTAR PRADESH | 50.67 | 1.16 |
| BIHAR | 46.95 | 1.08 |
| HIMACHAL PRADESH | 40.22 | 0.92 |
| AMPS Hazira | 37.47 | 0.86 |
| DELHI | 33.35 | 0.76 |
| JHARKHAND | 28.42 | 0.65 |
| KERALA | 28.15 | 0.64 |
| DADRA & NAGAR HAVELI | 25.62 | 0.59 |
| ODISHA | 22.55 | 0.52 |
| WEST BENGAL | 15.59 | 0.36 |
| GOA | 7.61 | 0.17 |
| NAGALAND | 4.88 | 0.11 |
| MEGHALAYA | 4.78 | 0.11 |
| ARUNACHAL PRADESH | 3.68 | 0.08 |
| DAMAN AND DIU | 3.65 | 0.08 |
| CHANDIGARH | 1.48 | 0.03 |
| CHHATTISGARH | 1.42 | 0.03 |
| TOTAL | 4367.20 | 100.00 |
| Volume purchased by top 5 Regional Entities | 3174.39 | 72.69 |

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

| Name of the Entity | Volume of Sale (MU) | % of Volume |
|----------------------|---------------------|-------------|
| NLC | 166.12 | 11.57 |
| MP | 115.39 | 8.03 |
| RAJASTHAN | 107.38 | 7.48 |
| UTTAR PRADESH | 100.47 | 7.00 |
| WEST BENGAL | 99.30 | 6.91 |
| ODISHA | 90.44 | 6.30 |
| DELHI | 89.29 | 6.22 |
| NEEPCO STATIONS | 75.48 | 5.26 |
| KARNATAKA | 45.69 | 3.18 |
| KERALA | 44.73 | 3.11 |
| MB POWER | 44.47 | 3.10 |
| TEESTA STG3 | 43.07 | 3.00 |
| BIHAR | 38.31 | 2.67 |
| TELANGANA | 38.25 | 2.66 |
| J & K | 33.55 | 2.34 |
| CHHATTISGARH | 30.32 | 2.11 |
| HIMACHAL PRADESH | 28.55 | 1.99 |
| SASAN UMPP | 27.43 | 1.91 |
| HARYANA | 18.93 | 1.32 |
| SEBPCORP | 17.77 | 1.24 |
| JHARKHAND | 14.07 | 0.98 |
| RKM POWER | 13.80 | 0.96 |
| SIKKIM | 13.22 | 0.92 |
| JINDAL STAGE-II | 11.61 | 0.81 |
| ASSAM | 10.73 | 0.75 |
| NTPC STATIONS-WR | 10.36 | 0.72 |
| NTPC STATIONS-SR | 9.57 | 0.67 |
| JORETHANG | 6.94 | 0.48 |
| EMCO | 6.66 | 0.46 |
| DIKCHU HEP | 5.56 | 0.39 |
| TASHIDENG HEP | 5.35 | 0.37 |
| NTPC STATIONS-ER | 5.31 | 0.37 |
| GUJARAT | 5.14 | 0.36 |
| BALCO | 5.12 | 0.36 |
| MAHARASHTRA | 4.40 | 0.31 |
| ARUNACHAL PRADESH | 4.07 | 0.28 |
| DB POWER | 3.97 | 0.28 |
| SINGOLI BHATWARI HEP | 3.80 | 0.26 |
| SAINJ HEP | 3.33 | 0.23 |
| JHABUA POWER_MP | 3.26 | 0.23 |
| GMR KAMALANGA | 3.18 | 0.22 |
| TRIPURA | 3.16 | 0.22 |
| JINDAL POWER | 2.92 | 0.20 |
| NTPC STATIONS-NER | 2.81 | 0.20 |
| DVC | 2.66 | 0.19 |
| REGL | 2.08 | 0.14 |
| NTPC STATIONS-NR | 2.02 | 0.14 |
| ONGC PALATANA | 1.92 | 0.13 |

| | | |
|---|----------------|---------------|
| KARCHAM WANGTOO | 1.91 | 0.13 |
| MARUTI COAL | 1.74 | 0.12 |
| RPREL | 1.56 | 0.11 |
| CHUZACHEN HEP | 1.52 | 0.11 |
| MEGHALAYA | 1.37 | 0.10 |
| TRN ENERGY | 0.92 | 0.06 |
| MANIPUR | 0.82 | 0.06 |
| TAMIL NADU | 0.77 | 0.05 |
| PUNJAB | 0.61 | 0.04 |
| ANDHRA PRADESH | 0.61 | 0.04 |
| AD HYDRO | 0.59 | 0.04 |
| UTTARAKHAND | 0.53 | 0.04 |
| BRBCL,NABINAGAR | 0.50 | 0.03 |
| MAITHON POWER LTD | 0.25 | 0.02 |
| ADHUNIK POWER LTD | 0.16 | 0.01 |
| RGPPL_IR | 0.14 | 0.01 |
| IL&FS | 0.13 | 0.01 |
| NAGALAND | 0.05 | 0.003 |
| DHARIWAL POWER | 0.05 | 0.003 |
| SPECTRUM | 0.05 | 0.003 |
| CGPL | 0.04 | 0.003 |
| RGPPL_Others | 0.02 | 0.001 |
| RGPPL | 0.02 | 0.001 |
| Total | 1436.28 | 100.00 |
| Volume sold by top 5 Regional Entities | 588.65 | 40.98 |

| Table-17: VOLUME OF ELECTRICITY PURCHASED IN REAL TIME MARKET THROUGH POWER EXCHANGES, MAY 2021 | | |
|--|--------------------------------|--------------------|
| Name of the Entity | Volume of Purchase (MU) | % of Volume |
| ANDHRA PRADESH | 298.63 | 20.79 |
| J & K | 130.24 | 9.07 |
| MEENAKSHI | 127.79 | 8.90 |
| MAHARASHTRA | 107.97 | 7.52 |
| RAJASTHAN | 91.67 | 6.38 |
| WEST BENGAL | 85.06 | 5.92 |
| GUJARAT | 84.60 | 5.89 |
| BIHAR | 77.44 | 5.39 |
| PUNJAB | 69.55 | 4.84 |
| ODISHA | 58.32 | 4.06 |
| UTTAR PRADESH | 50.88 | 3.54 |
| TAMIL NADU | 37.08 | 2.58 |
| HARYANA | 29.67 | 2.07 |
| HIMACHAL PRADESH | 29.56 | 2.06 |
| DELHI | 23.09 | 1.61 |
| ASSAM | 23.09 | 1.61 |
| MANIPUR | 21.47 | 1.49 |
| JHARKHAND | 20.71 | 1.44 |
| TRIPURA | 10.95 | 0.76 |
| MEGHALAYA | 8.53 | 0.59 |
| KARNATAKA | 7.77 | 0.54 |
| MP | 7.16 | 0.50 |
| KERALA | 6.69 | 0.47 |
| SIKKIM | 5.27 | 0.37 |
| MB POWER | 5.01 | 0.35 |
| UTTARAKHAND | 4.61 | 0.32 |
| CHHATTISGARH | 3.79 | 0.26 |
| JINDAL STAGE-II | 1.92 | 0.13 |
| DADRA & NAGAR HAVELI | 1.86 | 0.13 |
| AMPS Hazira | 1.78 | 0.12 |
| DVC | 1.04 | 0.07 |
| DAMAN AND DIU | 0.80 | 0.06 |
| ARUNACHAL PRADESH | 0.69 | 0.05 |
| NAGALAND | 0.65 | 0.05 |
| GOA | 0.64 | 0.04 |
| JINDAL POWER | 0.29 | 0.02 |
| TOTAL | 1436.28 | 100.00 |
| Volume purchased by top 5 Regional Entities | 756.30 | 52.66 |

| Table-18: VOLUME OF ELECTRICITY UNDER DRAWAL (EXPORTED) THROUGH DSM, MAY 2021 | | |
|--|------------------------------------|--------------------|
| Name of the Entity | Volume of Under drawal (MU) | % of Volume |
| UTTAR PRADESH | 146.77 | 6.27 |
| MP | 114.77 | 4.90 |
| NTPC STATIONS-WR | 101.01 | 4.31 |
| RAJASTHAN | 100.78 | 4.30 |
| NHPC STATIONS | 99.74 | 4.26 |
| GUJARAT | 94.66 | 4.04 |
| TELANGANA | 79.67 | 3.40 |
| PUNJAB | 71.71 | 3.06 |
| HARYANA | 68.78 | 2.94 |
| CHUKHA HEP | 65.97 | 2.82 |
| TAMIL NADU | 65.47 | 2.80 |
| MAHARASHTRA | 64.48 | 2.75 |
| KARNATAKA | 62.32 | 2.66 |
| NTPC STATIONS-NR | 58.33 | 2.49 |
| ANDHRA PRADESH | 56.19 | 2.40 |
| BIHAR | 54.19 | 2.31 |
| SASAN UMPP | 49.36 | 2.11 |
| WEST BENGAL | 48.19 | 2.06 |
| J & K | 45.65 | 1.95 |
| ODISHA | 39.62 | 1.69 |
| NLC | 36.66 | 1.57 |
| DELHI | 35.70 | 1.52 |
| CHHATTISGARH | 32.81 | 1.40 |
| JHARKHAND | 29.89 | 1.28 |
| NTPC STATIONS-ER | 28.99 | 1.24 |
| KERALA | 28.76 | 1.23 |
| NTPC STATIONS-SR | 25.27 | 1.08 |
| DVC | 24.22 | 1.03 |
| UTTARAKHAND | 21.78 | 0.93 |
| AMPS Hazira | 21.25 | 0.91 |
| GIWEL_BHUI | 17.06 | 0.73 |
| BBMB | 14.52 | 0.62 |
| ASSAM | 13.26 | 0.57 |
| KURICHU HEP | 12.50 | 0.53 |
| HIMACHAL PRADESH | 11.97 | 0.51 |
| GOA | 10.92 | 0.47 |
| PONDICHERRY | 10.86 | 0.46 |
| NEEPCO STATIONS | 10.52 | 0.45 |
| CHANDIGARH | 10.37 | 0.44 |
| NJPC | 9.87 | 0.42 |
| NEPAL(NVVN) | 9.32 | 0.40 |
| ALFANAR_BHUI | 8.92 | 0.38 |
| AGEMPL BHUI | 8.81 | 0.38 |
| ARUNACHAL PRADESH | 8.58 | 0.37 |
| KARCHAM WANGTOO | 8.36 | 0.36 |
| RAMPUR HEP | 8.28 | 0.35 |
| YARROW_PVGD | 8.27 | 0.35 |
| INOX_BHUI | 8.13 | 0.35 |
| FRV_NPK | 8.11 | 0.35 |
| NTPC_ANTP | 8.05 | 0.34 |
| RENEW_BHUI | 8.05 | 0.34 |
| OSTRO | 7.97 | 0.34 |
| TRIPURA | 7.87 | 0.34 |
| KAPP 3&4 | 7.86 | 0.34 |
| RENEW_BHACHAU | 7.78 | 0.33 |
| TEESTA HEP | 7.77 | 0.33 |
| ORANGE_TCN | 7.58 | 0.32 |
| AYANA_NPKUNTA | 7.01 | 0.30 |
| JINDAL STAGE-II | 6.85 | 0.29 |

| | | |
|----------------------|------|------|
| KREDL_PVGD | 6.65 | 0.28 |
| MAITHON POWER LTD | 6.35 | 0.27 |
| LANKO_AMK | 6.23 | 0.27 |
| SINGOLI BHATWARI HEP | 6.14 | 0.26 |
| BRBCL,NABINAGAR | 6.12 | 0.26 |
| ACME_SLR | 6.00 | 0.26 |
| JAYPEE NIGRIE | 5.49 | 0.23 |
| CLEAN_SLR | 5.42 | 0.23 |
| AZURE_PVGD | 5.35 | 0.23 |
| GIWEL_TCN | 5.31 | 0.23 |
| GMR KAMALANGA | 5.28 | 0.23 |
| JINDAL POWER | 5.27 | 0.22 |
| DADRA & NAGAR HAVELI | 5.18 | 0.22 |
| MB POWER | 5.10 | 0.22 |
| MEGHALAYA | 4.96 | 0.21 |
| TEESTA STG3 | 4.95 | 0.21 |
| JHABUA POWER_MP | 4.94 | 0.21 |
| DIKCHU HEP | 4.39 | 0.19 |
| ADHUNIK POWER LTD | 4.25 | 0.18 |
| ESSAR POWER | 4.17 | 0.18 |
| SBG_PVGD | 4.04 | 0.17 |
| AZURE_SLR | 4.04 | 0.17 |
| SIKKIM | 4.03 | 0.17 |
| ARERJL_SLR | 3.96 | 0.17 |
| DB POWER | 3.94 | 0.17 |
| NEP | 3.86 | 0.16 |
| MAHINDRA_RUMS | 3.80 | 0.16 |
| SPRNG_NPKUNTA | 3.67 | 0.16 |
| SEMBCORP | 3.65 | 0.16 |
| NAPP | 3.61 | 0.15 |
| NPGC | 3.55 | 0.15 |
| AZURE34_SLR | 3.49 | 0.15 |
| FRV_ANTP | 3.44 | 0.15 |
| RGPPL | 3.33 | 0.14 |
| EMCO | 3.24 | 0.14 |
| MANIPUR | 3.23 | 0.14 |
| ARINSUM_RUMS | 3.18 | 0.14 |
| BETAM_TCN | 3.18 | 0.14 |
| RPREL | 3.18 | 0.14 |
| ACME_RUMS | 3.18 | 0.14 |
| FORTUM1_PVGD | 3.09 | 0.13 |
| RENEW_SLR_BKN | 3.06 | 0.13 |
| SB_SLR | 3.01 | 0.13 |
| FORTUM2_PVGD | 2.93 | 0.12 |
| JITPL | 2.74 | 0.12 |
| TATA_SLR | 2.61 | 0.11 |
| ACBIL | 2.57 | 0.11 |
| SPRING_PUGALUR | 2.50 | 0.11 |
| DAMAN AND DIU | 2.49 | 0.11 |
| RKM POWER | 2.46 | 0.11 |
| NAGALAND | 2.44 | 0.10 |
| ADY10_PVGD | 2.43 | 0.10 |
| THERMAL POWERTECH | 2.40 | 0.10 |
| BARC | 2.40 | 0.10 |
| DHARIWAL POWER | 2.34 | 0.10 |
| MANGDECHU HEP | 2.28 | 0.10 |
| BALCO | 2.21 | 0.09 |
| RAIL | 2.16 | 0.09 |
| MIZORAM | 2.13 | 0.09 |
| RANGANADI HEP | 2.04 | 0.09 |
| AZURE_ANTP | 2.02 | 0.09 |
| KSK MAHANADI | 2.01 | 0.09 |

| | | |
|---|----------------|---------------|
| TRN ENERGY | 2.01 | 0.09 |
| ARS_PVGD | 1.99 | 0.09 |
| CGPL | 1.98 | 0.08 |
| AD HYDRO | 1.96 | 0.08 |
| NTPL | 1.94 | 0.08 |
| SBG_NPK | 1.88 | 0.08 |
| SAINJ HEP | 1.70 | 0.07 |
| CHUZACHEN HEP | 1.69 | 0.07 |
| BANGLADESH | 1.67 | 0.07 |
| NTPC STATIONS-NER | 1.63 | 0.07 |
| RAP B | 1.59 | 0.07 |
| NSPCL | 1.53 | 0.07 |
| NETCL VALLUR | 1.50 | 0.06 |
| RANGIT HEP | 1.44 | 0.06 |
| ADY1_PVGD | 1.43 | 0.06 |
| ADY3_PVGD | 1.41 | 0.06 |
| ADY6_PVGD | 1.37 | 0.06 |
| ADY13_PVGD | 1.35 | 0.06 |
| TALA HEP | 1.27 | 0.05 |
| KOTESHWAR | 1.27 | 0.05 |
| AVAADA1_PVGD | 1.26 | 0.05 |
| AHSP_ANTP | 1.25 | 0.05 |
| TATA_PVGD | 1.25 | 0.05 |
| MYTRAH_TCN | 1.24 | 0.05 |
| PARAM_PVGD | 1.21 | 0.05 |
| ADY2_PVGD | 1.19 | 0.05 |
| AKSP_ANTP | 1.18 | 0.05 |
| TEHRI | 1.16 | 0.05 |
| RENEW_PVGD | 1.13 | 0.05 |
| RENEW_SLR | 1.12 | 0.05 |
| AKS_PVGD | 1.08 | 0.05 |
| AZURE43_SLR | 0.99 | 0.04 |
| ABSP_ANTP | 0.94 | 0.04 |
| ASEJTL_SLR | 0.93 | 0.04 |
| ONGC PALATANA | 0.91 | 0.04 |
| TATA_ANTP | 0.84 | 0.04 |
| COASTGEN | 0.81 | 0.03 |
| PARE HEP | 0.79 | 0.03 |
| SKS POWER | 0.79 | 0.03 |
| LANCO BUDHIL | 0.77 | 0.03 |
| TASHIDENG HEP | 0.76 | 0.03 |
| MTPS II | 0.69 | 0.03 |
| DAGACHU | 0.59 | 0.03 |
| LOKTAK | 0.57 | 0.02 |
| AVAADA2_PVGD | 0.50 | 0.02 |
| JORETHANG | 0.48 | 0.02 |
| IL&FS | 0.35 | 0.02 |
| RAP C | 0.35 | 0.01 |
| VINDHYACHAL HVDC | 0.31 | 0.01 |
| HVDC RAIGARH | 0.29 | 0.01 |
| IGSTPS | 0.28 | 0.01 |
| DOYANG HEP | 0.23 | 0.01 |
| MEENAKSHI | 0.21 | 0.01 |
| NFF | 0.21 | 0.01 |
| SHREE CEMENT | 0.12 | 0.01 |
| HVDC CHAMPA | 0.08 | 0.004 |
| HVDC ALPD | 0.04 | 0.002 |
| BHADRAVATHI HVDC | 0.02 | 0.001 |
| DCPP | 0.02 | 0.001 |
| HVDC PUS | 0.01 | 0.001 |
| Total | 2341.41 | 100.00 |
| Volume Exported by top 5 Regional Entities | 563.07 | 24.05 |

| Table-19: VOLUME OF ELECTRICITY OVER DRAWAL (IMPORTED) THROUGH DSM, MAY 2021 | | |
|---|-----------------------------------|--------------------|
| Name of the Entity | Volume of Over drawal (MU) | % of Volume |
| RAJASTHAN | 95.77 | 4.98 |
| BIHAR | 89.56 | 4.66 |
| ANDHRA PRADESH | 82.21 | 4.27 |
| NTPC STATIONS-WR | 79.85 | 4.15 |
| TALA HEP | 78.75 | 4.09 |
| KARNATAKA | 69.74 | 3.63 |
| TAMIL NADU | 65.12 | 3.39 |
| MAHARASHTRA | 64.74 | 3.37 |
| UTTAR PRADESH | 64.27 | 3.34 |
| GUJARAT | 59.13 | 3.07 |
| NTPC STATIONS-ER | 52.75 | 2.74 |
| NTPC STATIONS-NR | 50.35 | 2.62 |
| HARYANA | 49.51 | 2.57 |
| WEST BENGAL | 44.96 | 2.34 |
| ODISHA | 36.98 | 1.92 |
| MP | 33.76 | 1.76 |
| J & K | 33.21 | 1.73 |
| HIMACHAL PRADESH | 30.92 | 1.61 |
| DVC | 27.73 | 1.44 |
| UTTARAKHAND | 26.54 | 1.38 |
| NTPC STATIONS-SR | 26.05 | 1.35 |
| KERALA | 25.88 | 1.35 |
| CHHATTISGARH | 25.48 | 1.32 |
| NLC | 25.14 | 1.31 |
| TELANGANA | 24.16 | 1.26 |
| PUNJAB | 21.95 | 1.14 |
| ASSAM | 19.22 | 1.00 |
| AMPS Hazira | 18.45 | 0.96 |
| JHARKHAND | 17.88 | 0.93 |
| AGEMPL BHUJ | 17.84 | 0.93 |
| BALCO | 16.97 | 0.88 |
| THERMAL POWERTECH | 12.80 | 0.67 |
| NEPAL(NVVN) | 12.66 | 0.66 |
| MB POWER | 12.37 | 0.64 |
| RPREL | 12.11 | 0.63 |
| GIWEL_BHUJ | 11.96 | 0.62 |
| DELHI | 11.56 | 0.60 |
| DAGACHU | 10.79 | 0.56 |
| CGPL | 10.44 | 0.54 |
| TRIPURA | 10.10 | 0.53 |
| NTPC_ANTP | 10.07 | 0.52 |
| TEESTA STG3 | 9.95 | 0.52 |
| NHPC STATIONS | 9.64 | 0.50 |
| GIWEL_TCN | 9.08 | 0.47 |
| RGPPL | 8.95 | 0.47 |
| NETCL VALLUR | 8.79 | 0.46 |
| RENEW_BHUJ | 8.60 | 0.45 |
| MEENAKSHI | 8.17 | 0.42 |
| RAIL | 8.09 | 0.42 |
| SIKKIM | 7.67 | 0.40 |
| FRV_NPK | 7.59 | 0.39 |
| OSTRO | 7.53 | 0.39 |
| RENEW_BHACHAU | 7.53 | 0.39 |
| EMCO | 7.52 | 0.39 |
| DB POWER | 7.47 | 0.39 |
| NAPP | 7.46 | 0.39 |
| DADRA & NAGAR HAVELI | 7.43 | 0.39 |
| RKM POWER | 7.29 | 0.38 |
| RAP C | 7.22 | 0.38 |

| | | |
|----------------------|------|------|
| NSPCL | 7.13 | 0.37 |
| ARINSUM_RUMS | 6.82 | 0.35 |
| ORANGE_TCN | 6.80 | 0.35 |
| BRBCL,NABINAGAR | 6.34 | 0.33 |
| ALFANAR_BHUJ | 6.29 | 0.33 |
| IGSTPS | 6.23 | 0.32 |
| ACME_RUMS | 6.21 | 0.32 |
| INOX_BHUJ | 5.99 | 0.31 |
| KAPP 3&4 | 5.98 | 0.31 |
| MAHINDRA_RUMS | 5.86 | 0.30 |
| BANGLADESH | 5.79 | 0.30 |
| SPRNG_NPKUNTA | 5.61 | 0.29 |
| KARCHAM WANGTOO | 5.48 | 0.28 |
| MAITHON POWER LTD | 5.37 | 0.28 |
| GOA | 5.13 | 0.27 |
| ADHUNIK POWER LTD | 5.07 | 0.26 |
| NEP | 4.98 | 0.26 |
| YARROW_PVGD | 4.97 | 0.26 |
| NJPC | 4.91 | 0.26 |
| KURICHU HEP | 4.82 | 0.25 |
| NTPC STATIONS-NER | 4.59 | 0.24 |
| IL&FS | 4.47 | 0.23 |
| JAYPEE NIGRIE | 4.41 | 0.23 |
| SEMBCORP | 4.16 | 0.22 |
| JHABUA POWER_MP | 3.93 | 0.20 |
| BBMB | 3.89 | 0.20 |
| CHANDIGARH | 3.78 | 0.20 |
| SPRING_PUGALUR | 3.67 | 0.19 |
| RENEW_SLR_BKN | 3.66 | 0.19 |
| BETAM_TCN | 3.55 | 0.18 |
| SINGOLI BHATWARI HEP | 3.53 | 0.18 |
| GMR KAMALANGA | 3.52 | 0.18 |
| DAMAN AND DIU | 3.52 | 0.18 |
| CLEAN_SLR | 3.51 | 0.18 |
| JINDAL STAGE-II | 3.31 | 0.17 |
| JORETHANG | 3.29 | 0.17 |
| NPGC | 3.16 | 0.16 |
| MEGHALAYA | 3.05 | 0.16 |
| COASTGEN | 3.00 | 0.16 |
| JITPL | 2.96 | 0.15 |
| SBG_PVGD | 2.91 | 0.15 |
| ARS_PVGD | 2.80 | 0.15 |
| TASHIDENG HEP | 2.77 | 0.14 |
| FRV_ANTP | 2.75 | 0.14 |
| DIKCHU HEP | 2.72 | 0.14 |
| FORTUM1_PVGD | 2.54 | 0.13 |
| ARUNACHAL PRADESH | 2.39 | 0.12 |
| PONDICHERRY | 2.37 | 0.12 |
| ONGC PALATANA | 2.32 | 0.12 |
| SB_SLR | 2.30 | 0.12 |
| FORTUM2_PVGD | 2.25 | 0.12 |
| KSK MAHANADI | 2.20 | 0.11 |
| AZURE_PVGD | 2.18 | 0.11 |
| NTPL | 2.18 | 0.11 |
| KREDL_PVGD | 2.17 | 0.11 |
| NEEPCO STATIONS | 2.14 | 0.11 |
| JINDAL POWER | 2.09 | 0.11 |
| MANGDECHU HEP | 2.06 | 0.11 |
| ARERJL_SLR | 2.05 | 0.11 |
| MANIPUR | 2.00 | 0.10 |
| MTPS II | 1.98 | 0.10 |
| MIZORAM | 1.96 | 0.10 |
| SASAN UMPP | 1.95 | 0.10 |

| | | |
|---|----------------|---------------|
| RAP B | 1.87 | 0.10 |
| ACBIL | 1.84 | 0.10 |
| TATA_SLR | 1.77 | 0.09 |
| AYANA_NPKUNTA | 1.75 | 0.09 |
| ACME_SLR | 1.73 | 0.09 |
| DHARIWAL POWER | 1.64 | 0.09 |
| ESSAR POWER | 1.51 | 0.08 |
| AZURE_ANTP | 1.29 | 0.07 |
| AZURE34_SLR | 1.26 | 0.07 |
| AZURE_SLR | 1.25 | 0.07 |
| DGEN MEGA POWER | 1.24 | 0.06 |
| RANGIT HEP | 1.22 | 0.06 |
| SBG_NPK | 1.22 | 0.06 |
| TEHRI | 1.15 | 0.06 |
| ADY10_PVGD | 1.12 | 0.06 |
| NAGALAND | 0.99 | 0.05 |
| AVAADA2_PVGD | 0.96 | 0.05 |
| TATA_ANTP | 0.93 | 0.05 |
| AD HYDRO | 0.90 | 0.05 |
| RANGANADI HEP | 0.88 | 0.05 |
| TATA_PVGD | 0.87 | 0.05 |
| CHUZACHEN HEP | 0.87 | 0.05 |
| ASEJTL_SLR | 0.82 | 0.04 |
| RAMPUR HEP | 0.78 | 0.04 |
| AHSP_ANTP | 0.74 | 0.04 |
| AKS_PVGD | 0.74 | 0.04 |
| AKSP_ANTP | 0.71 | 0.04 |
| SKS POWER | 0.70 | 0.04 |
| AVAADA1_PVGD | 0.70 | 0.04 |
| ADY2_PVGD | 0.70 | 0.04 |
| MYTRAH_TCN | 0.70 | 0.04 |
| RENEW_PVGD | 0.68 | 0.04 |
| AZURE43_SLR | 0.66 | 0.03 |
| ADY13_PVGD | 0.63 | 0.03 |
| SAINJ HEP | 0.62 | 0.03 |
| PARAM_PVGD | 0.60 | 0.03 |
| ADY6_PVGD | 0.60 | 0.03 |
| SHREE CEMENT | 0.59 | 0.03 |
| ABSP_ANTP | 0.58 | 0.03 |
| LANCO KONDAPALLI | 0.57 | 0.03 |
| ADY3_PVGD | 0.57 | 0.03 |
| TRN ENERGY | 0.54 | 0.03 |
| RENEW_SLR | 0.54 | 0.03 |
| ADY1_PVGD | 0.54 | 0.03 |
| TEESTA HEP | 0.52 | 0.03 |
| SIMHAPURI | 0.48 | 0.02 |
| LANCO BUDHIL | 0.34 | 0.02 |
| NFF | 0.32 | 0.02 |
| LANCO_AMK | 0.32 | 0.02 |
| LOKTAK | 0.31 | 0.02 |
| HVDC CHAMPA | 0.22 | 0.01 |
| DOYANG HEP | 0.22 | 0.01 |
| KOTESHWAR | 0.15 | 0.01 |
| PARE HEP | 0.14 | 0.01 |
| HVDC ALPD | 0.12 | 0.01 |
| CHUKHA HEP | 0.12 | 0.01 |
| BHADRAVATHI HVDC | 0.04 | 0.00 |
| HVDC PUS | 0.03 | 0.001 |
| BARC | 0.02 | 0.001 |
| DCPP | 0.01 | 0.0003 |
| HVDC RAIGARH | 0.004 | 0.0002 |
| TOTAL | 1923.43 | 100.00 |
| Volume Imported by top 5 Regional Entities | 426.14 | 22.16 |

| Table-20: TOTAL VOLUME OF NET SHORT-TERM TRANSACTIONS OF ELECTRICITY (REGIONAL ENTITY-WISE), MAY 2021 | | |
|--|---------------------------|--|
| S. No. | Name of the Entity | Total volume of net short-term transactions of electricity* |
| 1 | ANDHRA PRADESH | 1814.52 |
| 2 | GUJARAT | 1578.73 |
| 3 | TAMIL NADU | 1142.70 |
| 4 | MAHARASHTRA | 755.87 |
| 5 | PUNJAB | 605.30 |
| 6 | HARYANA | 566.94 |
| 7 | NEPAL(NVVN) | 163.86 |
| 8 | BIHAR | 148.94 |
| 9 | DELHI | 141.40 |
| 10 | JHARKHAND | 129.45 |
| 11 | BANGLADESH | 122.21 |
| 12 | UTTARAKHAND | 83.24 |
| 13 | ASSAM | 78.61 |
| 14 | TALA HEP | 77.47 |
| 15 | AMPS Hazira | 44.09 |
| 16 | DADRA & NAGAR HAVELI | 36.59 |
| 17 | NEP | 33.95 |
| 18 | MEGHALAYA | 32.40 |
| 19 | ODISHA | 24.90 |
| 20 | NTPC STATIONS-ER | 18.44 |
| 21 | MEENAKSHI | 17.66 |
| 22 | TRIPURA | 10.03 |
| 23 | AGEMPL BHUJ | 9.03 |
| 24 | GOA | 8.73 |
| 25 | CGPL | 8.43 |
| 26 | THERMAL POWERTECH | 8.21 |
| 27 | DAMAN AND DIU | 7.31 |
| 28 | NETCL VALLUR | 7.29 |
| 29 | RAP C | 6.87 |
| 30 | IGSTPS | 5.95 |
| 31 | RAIL | 5.93 |
| 32 | NSPCL | 5.60 |
| 33 | RGPPL | 5.60 |
| 34 | NAPP | 3.85 |
| 35 | GIWEL_TCN | 3.76 |
| 36 | ARINSUM_RUMS | 3.64 |
| 37 | ACME_RUMS | 3.03 |
| 38 | NAGALAND | 2.59 |
| 39 | MANIPUR | 2.33 |
| 40 | COASTGEN | 2.19 |
| 41 | MAHINDRA_RUMS | 2.06 |
| 42 | NTPC_ANTP | 2.02 |
| 43 | SPRNG_NPKUNTA | 1.94 |
| 44 | MTPS II | 1.29 |
| 45 | DGEN MEGA POWER | 1.24 |
| 46 | SPRING_PUGALUR | 1.17 |
| 47 | ARS_PVGD | 0.80 |
| 48 | RENEW_SLR_BKN | 0.60 |
| 49 | LANKO KONDAPALLI | 0.57 |
| 50 | RENEW_BHUJ | 0.55 |
| 51 | SIMHAPURI | 0.48 |
| 52 | SHREE CEMENT | 0.47 |
| 53 | AVAADA2_PVGD | 0.46 |
| 54 | BETAM_TCN | 0.37 |
| 55 | RAP B | 0.29 |
| 56 | RAJASTHAN | 0.14 |
| 57 | HVDC CHAMPA | 0.14 |
| 58 | NFF | 0.11 |
| 59 | TATA_ANTP | 0.09 |
| 60 | HVDC ALPD | 0.09 |
| 61 | BHADRAVATHI HVDC | 0.02 |

| | | |
|-----|-------------------|-------|
| 62 | HVDC PUS | 0.01 |
| 63 | TEHRI | -0.01 |
| 64 | DCPP | -0.01 |
| 65 | DOYANG HEP | -0.01 |
| 66 | RGPPL_Others | -0.02 |
| 67 | ASEJTL_SLR | -0.12 |
| 68 | RANGIT HEP | -0.22 |
| 69 | MANGDECHU HEP | -0.22 |
| 70 | RENEW_BHACHAU | -0.26 |
| 71 | LOKTAK | -0.26 |
| 72 | BRBCL,NABINAGAR | -0.27 |
| 73 | HVDC RAIGARH | -0.29 |
| 74 | VINDHYACHAL HVDC | -0.31 |
| 75 | AZURE43_SLR | -0.33 |
| 76 | AKS_PVGD | -0.34 |
| 77 | ABSP_ANTP | -0.36 |
| 78 | TATA_PVGD | -0.37 |
| 79 | NPGC | -0.40 |
| 80 | OSTRO | -0.44 |
| 81 | RENEW_PVGD | -0.44 |
| 82 | AKSP_ANTP | -0.46 |
| 83 | ADY2_PVGD | -0.49 |
| 84 | AHSP_ANTP | -0.51 |
| 85 | FRV_NPK | -0.52 |
| 86 | MYTRAH_TCN | -0.54 |
| 87 | FORTUM1_PVGD | -0.55 |
| 88 | AVAADA1_PVGD | -0.56 |
| 89 | RENEW_SLR | -0.58 |
| 90 | PARAM_PVGD | -0.61 |
| 91 | PARE HEP | -0.65 |
| 92 | SBG_NPK | -0.66 |
| 93 | FORTUM2_PVGD | -0.67 |
| 94 | FRV_ANTP | -0.69 |
| 95 | RGPPL_IR | -0.69 |
| 96 | SB_SLR | -0.71 |
| 97 | ADY13_PVGD | -0.72 |
| 98 | AZURE_ANTP | -0.72 |
| 99 | ADY6_PVGD | -0.77 |
| 100 | ORANGE_TCN | -0.79 |
| 101 | ADY3_PVGD | -0.83 |
| 102 | TATA_SLR | -0.84 |
| 103 | ADY1_PVGD | -0.90 |
| 104 | DHARIWAL POWER | -1.09 |
| 105 | KOTESHWAR | -1.11 |
| 106 | SBG_PVGD | -1.13 |
| 107 | RANGANADI HEP | -1.16 |
| 108 | MAITHON POWER LTD | -1.23 |
| 109 | ADY10_PVGD | -1.31 |
| 110 | KAPP 3&4 | -1.89 |
| 111 | CLEAN_SLR | -1.91 |
| 112 | ARERJL_SLR | -1.91 |
| 113 | INOX_BHUI | -2.14 |
| 114 | AZURE34_SLR | -2.22 |
| 115 | BARC | -2.38 |
| 116 | ALFANAR_BHUI | -2.63 |
| 117 | AZURE_SLR | -2.78 |
| 118 | NTPL | -2.85 |
| 119 | LANCO BUDHIL | -3.05 |
| 120 | AZURE_PVGD | -3.18 |
| 121 | YARROW_PVGD | -3.30 |
| 122 | MIZORAM | -3.42 |
| 123 | ACME_SLR | -4.27 |
| 124 | KREDL_PVGD | -4.48 |
| 125 | NJPC | -4.96 |
| 126 | GIWEL_BHUI | -5.10 |
| 127 | AYANA_NPKUNTA | -5.26 |

| | | |
|---|----------------------|---------|
| 128 | CHUZACHEN HEP | -6.13 |
| 129 | ACBIL | -6.76 |
| 130 | TASHIDENG HEP | -7.11 |
| 131 | TEESTA HEP | -7.25 |
| 132 | JORETHANG | -7.48 |
| 133 | RAMPUR HEP | -7.50 |
| 134 | KURICHU HEP | -7.67 |
| 135 | PONDICHERRY | -8.49 |
| 136 | NTPC STATIONS-NER | -8.94 |
| 137 | SIKKIM | -9.38 |
| 138 | NTPC STATIONS-NR | -10.00 |
| 139 | BBMB | -10.64 |
| 140 | NTPC STATIONS-SR | -10.86 |
| 141 | TRN ENERGY | -12.52 |
| 142 | LANKO_AMK | -14.09 |
| 143 | IL&FS | -18.93 |
| 144 | EMCO | -19.16 |
| 145 | DAGACHU | -19.76 |
| 146 | ONGC PALATANA | -22.18 |
| 147 | GMR KAMALANGA | -26.75 |
| 148 | ARUNACHAL PRADESH | -27.13 |
| 149 | WEST BENGAL | -27.74 |
| 150 | SAINJ HEP | -30.21 |
| 151 | NTPC STATIONS-WR | -31.51 |
| 152 | SINGOLI BHATWARI HEP | -33.11 |
| 153 | KARCHAM WANGTOO | -33.94 |
| 154 | CHANDIGARH | -35.14 |
| 155 | UTTAR PRADESH | -41.39 |
| 156 | AD HYDRO | -42.14 |
| 157 | SPECTRUM | -45.81 |
| 158 | MARUTI COAL | -50.35 |
| 159 | DIKCHU HEP | -56.93 |
| 160 | KSK MAHANADI | -57.89 |
| 161 | CHUKHA HEP | -65.85 |
| 162 | KERALA | -73.95 |
| 163 | SASAN UMPP | -74.84 |
| 164 | JHABUA POWER_MP | -76.38 |
| 165 | NHPC STATIONS | -90.10 |
| 166 | J & K | -91.40 |
| 167 | CHHATTISGARH | -94.07 |
| 168 | BALCO | -125.51 |
| 169 | NEEPCO STATIONS | -125.64 |
| 170 | JINDAL STAGE-II | -132.43 |
| 171 | ADHUNIK POWER LTD | -139.64 |
| 172 | RKM POWER | -159.00 |
| 173 | DVC | -165.13 |
| 174 | JINDAL POWER | -165.18 |
| 175 | NLC | -180.47 |
| 176 | MB POWER | -190.85 |
| 177 | SKS POWER | -195.60 |
| 178 | ESSAR POWER | -226.26 |
| 179 | KARNATAKA | -287.36 |
| 180 | REGL | -341.37 |
| 181 | HIMACHAL PRADESH | -362.36 |
| 182 | JAYPEE NIGRIE | -363.74 |
| 183 | TELANGANA | -366.69 |
| 184 | DB POWER | -404.25 |
| 185 | TEESTA STG3 | -444.29 |
| 186 | JITPL | -455.43 |
| 187 | MP | -537.82 |
| 188 | SEMBCORP | -577.38 |
| 189 | RPREL | -808.55 |
| * 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, MAY 2021 | | | | | |
|---|--|-------------------------|-------------|-------------------------|-------------|
| | Details of Congestion | Day Ahead Market | | Real Time Market | |
| | | IEX | PXIL | IEX | PXIL |
| A | Unconstrained Cleared Volume (MU) | 4363.88 | 3.32 | 1436.28 | 0.00 |
| B | Actual Cleared Volume and hence scheduled (MU) | 4363.88 | 3.32 | 1436.28 | 0.00 |
| C | Volume of electricity that could not be cleared and hence not scheduled because of congestion (MU) * | 0.00 | 0.00 | 0.00 | 0.00 |
| D | Volume of electricity that could not be cleared and hence not scheduled because of reasons other than congestion (MU) | 0.00 | 0.00 | 0.00 | 0.00 |
| E | Volume of electricity that could not be cleared as % to Unconstrained Cleared Volume | 0.00% | 0.00% | 0.00% | 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% | 0.00% | 0.00% |
| G | Congestion occurrence (%) time block wise | | | | |
| | 0.00 - 6.00 hours | 0.00% | 0.00% | 0.00% | 0.00% |
| | 6.00 - 12.00 hours | 0.00% | 0.00% | 0.00% | 0.00% |
| | 12.00 - 18.00 hours | 0.00% | 0.00% | 0.00% | 0.00% |
| | 18.00 - 24.00 hours | 0.00% | 0.00% | 0.00% | 0.00% |
| <i>*There has been no congestion in the month of May 2021</i> | | | | | |
| <i>Source: IEX, PXIL & NLDC</i> | | | | | |

**Table-22: VOLUME OF SHORT-TERM TRANSACTIONS OF ELECTRICITY IN INDIA
(DAY-WISE) (MU), MAY 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-May-21 | 156.96 | 39.16 | 153.10 | 0.00 | 46.72 | 0.00 | 68.54 | 3703.37 |
| 2-May-21 | 157.80 | 37.89 | 147.45 | 0.00 | 33.02 | 0.00 | 65.97 | 3627.14 |
| 3-May-21 | 158.23 | 36.97 | 164.97 | 0.00 | 38.09 | 0.00 | 63.77 | 3641.53 |
| 4-May-21 | 150.71 | 36.73 | 153.18 | 0.08 | 33.67 | 0.00 | 62.62 | 3700.50 |
| 5-May-21 | 150.01 | 38.83 | 154.57 | 0.36 | 33.94 | 0.00 | 61.79 | 3670.91 |
| 6-May-21 | 142.09 | 36.28 | 139.92 | 0.01 | 50.99 | 0.00 | 71.39 | 3667.67 |
| 7-May-21 | 148.67 | 37.55 | 167.32 | 0.79 | 35.03 | 0.00 | 63.95 | 3633.19 |
| 8-May-21 | 150.25 | 39.76 | 155.37 | 0.00 | 47.44 | 0.00 | 57.89 | 3703.04 |
| 9-May-21 | 156.77 | 41.62 | 144.90 | 0.00 | 35.26 | 0.00 | 64.86 | 3548.05 |
| 10-May-21 | 160.05 | 39.62 | 165.89 | 0.00 | 40.06 | 0.00 | 61.76 | 3563.82 |
| 11-May-21 | 165.08 | 40.55 | 156.42 | 0.24 | 32.50 | 0.00 | 69.30 | 3500.68 |
| 12-May-21 | 164.22 | 39.95 | 146.67 | 0.00 | 26.62 | 0.00 | 72.29 | 3389.42 |
| 13-May-21 | 160.79 | 39.14 | 121.89 | 0.00 | 46.27 | 0.00 | 72.59 | 3273.90 |
| 14-May-21 | 156.33 | 39.01 | 155.67 | 0.24 | 47.89 | 0.00 | 69.00 | 3411.25 |
| 15-May-21 | 154.21 | 42.22 | 163.61 | 0.62 | 43.82 | 0.00 | 67.97 | 3403.19 |
| 16-May-21 | 139.84 | 43.34 | 137.62 | 0.00 | 33.11 | 0.00 | 72.08 | 3137.32 |
| 17-May-21 | 148.28 | 42.54 | 141.90 | 0.04 | 43.33 | 0.00 | 67.54 | 3137.46 |
| 18-May-21 | 154.19 | 41.29 | 102.60 | 0.00 | 51.11 | 0.00 | 72.04 | 3064.90 |
| 19-May-21 | 164.22 | 39.67 | 121.44 | 0.00 | 71.77 | 0.00 | 72.15 | 2993.49 |
| 20-May-21 | 165.16 | 35.84 | 123.53 | 0.00 | 53.29 | 0.00 | 78.52 | 2962.19 |
| 21-May-21 | 146.87 | 38.83 | 145.92 | 0.00 | 42.82 | 0.00 | 76.17 | 3012.51 |
| 22-May-21 | 139.60 | 37.54 | 110.51 | 0.00 | 53.66 | 0.00 | 70.96 | 3152.07 |
| 23-May-21 | 139.29 | 39.34 | 123.60 | 0.00 | 47.94 | 0.00 | 66.50 | 3140.10 |
| 24-May-21 | 147.74 | 38.46 | 132.16 | 0.33 | 55.13 | 0.00 | 62.59 | 3238.12 |
| 25-May-21 | 148.84 | 36.14 | 116.28 | 0.00 | 56.93 | 0.00 | 64.71 | 3173.77 |
| 26-May-21 | 150.23 | 31.60 | 125.18 | 0.00 | 47.31 | 0.00 | 65.38 | 3053.67 |
| 27-May-21 | 165.08 | 31.76 | 137.23 | 0.00 | 51.61 | 0.00 | 71.04 | 3111.95 |
| 28-May-21 | 172.64 | 32.49 | 141.88 | 0.05 | 61.91 | 0.00 | 73.16 | 3256.62 |
| 29-May-21 | 166.98 | 34.05 | 135.36 | 0.00 | 74.33 | 0.00 | 76.02 | 3392.08 |
| 30-May-21 | 159.89 | 35.88 | 139.00 | 0.33 | 52.62 | 0.00 | 79.18 | 3293.65 |
| 31-May-21 | 155.97 | 28.75 | 138.73 | 0.24 | 48.08 | 0.00 | 70.70 | 3402.65 |
| Total | 4796.97 | 1172.80 | 4363.88 | 3.32 | 1436.28 | 0.00 | 2132.42 | 103960.21 |

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), MAY 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-May-21 | 2.57 | 5.44 | 3.27 | - | - | - | 0.00 | 8.00 | 3.35 |
| 2-May-21 | 2.40 | 3.60 | 2.97 | - | - | - | 0.00 | 6.42 | 2.42 |
| 3-May-21 | 2.65 | 4.34 | 3.18 | - | - | - | 0.00 | 7.09 | 2.93 |
| 4-May-21 | 2.49 | 4.34 | 3.15 | 2.99 | 2.99 | 2.99 | 0.00 | 8.00 | 2.62 |
| 5-May-21 | 2.56 | 4.04 | 3.08 | 2.99 | 4.41 | 3.24 | 0.00 | 7.38 | 2.57 |
| 6-May-21 | 2.49 | 3.84 | 2.91 | 2.99 | 3.63 | 3.63 | 0.00 | 8.00 | 2.94 |
| 7-May-21 | 2.65 | 4.99 | 3.23 | 2.69 | 3.87 | 3.09 | 0.00 | 7.10 | 3.43 |
| 8-May-21 | 2.65 | 4.68 | 3.11 | - | - | - | 0.00 | 8.00 | 3.61 |
| 9-May-21 | 2.41 | 3.70 | 2.92 | - | - | - | 0.00 | 5.77 | 2.63 |
| 10-May-21 | 2.57 | 4.66 | 3.06 | - | - | - | 0.00 | 8.00 | 3.12 |
| 11-May-21 | 2.23 | 3.50 | 2.81 | 2.99 | 2.99 | 2.99 | 0.00 | 8.00 | 2.70 |
| 12-May-21 | 2.15 | 3.75 | 2.72 | - | - | - | 0.00 | 7.67 | 1.65 |
| 13-May-21 | 1.99 | 3.08 | 2.50 | - | - | - | 0.00 | 8.00 | 2.53 |
| 14-May-21 | 2.00 | 4.30 | 2.72 | 2.53 | 2.53 | 2.53 | 0.00 | 8.00 | 3.29 |
| 15-May-21 | 2.18 | 4.99 | 2.98 | 2.68 | 2.99 | 2.71 | 0.00 | 8.00 | 2.82 |
| 16-May-21 | 2.00 | 3.73 | 2.71 | - | - | - | 0.00 | 8.00 | 2.61 |
| 17-May-21 | 2.00 | 4.50 | 2.80 | 1.25 | 2.99 | 2.99 | 0.00 | 7.35 | 2.91 |
| 18-May-21 | 2.00 | 3.52 | 2.64 | - | - | - | 0.00 | 8.00 | 2.68 |
| 19-May-21 | 1.82 | 4.46 | 2.73 | - | - | - | 0.00 | 8.00 | 2.99 |
| 20-May-21 | 1.60 | 3.25 | 2.32 | - | - | - | 0.00 | 8.00 | 2.03 |
| 21-May-21 | 2.00 | 4.50 | 2.74 | - | - | - | 0.00 | 8.00 | 2.39 |
| 22-May-21 | 1.58 | 3.25 | 2.49 | - | - | - | 0.00 | 8.00 | 2.92 |
| 23-May-21 | 2.00 | 3.55 | 2.58 | - | - | - | 0.00 | 8.00 | 2.89 |
| 24-May-21 | 2.03 | 4.50 | 2.81 | 2.99 | 2.99 | 2.99 | 0.00 | 7.67 | 3.19 |
| 25-May-21 | 2.04 | 3.69 | 2.77 | - | - | - | 0.00 | 8.00 | 3.58 |
| 26-May-21 | 1.93 | 3.78 | 2.59 | - | - | - | 0.00 | 7.66 | 2.90 |
| 27-May-21 | 2.00 | 4.45 | 2.67 | - | - | - | 0.00 | 8.00 | 2.20 |
| 28-May-21 | 1.71 | 5.21 | 2.85 | 1.25 | 3.50 | 3.50 | 0.00 | 8.00 | 3.72 |
| 29-May-21 | 1.50 | 5.70 | 3.11 | - | - | - | 0.00 | 7.36 | 2.52 |
| 30-May-21 | 2.00 | 6.30 | 3.41 | 2.99 | 2.99 | 2.99 | 0.00 | 7.71 | 2.48 |
| 31-May-21 | 1.71 | 7.10 | 3.35 | 2.99 | 3.51 | 3.01 | 0.00 | 5.61 | 2.44 |
| | 1.50[#] | 7.10[#] | 2.90 | 1.25[#] | 4.41[#] | 2.96 | 0.00[#] | 8.00[#] | 2.81 |

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), MAY 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-May-21 | 1.21 | 3.40 | 2.60 | -- | -- | -- |
| 2-May-21 | 1.30 | 4.06 | 2.69 | -- | -- | -- |
| 3-May-21 | 1.99 | 3.30 | 2.68 | -- | -- | -- |
| 4-May-21 | 1.50 | 3.17 | 2.58 | -- | -- | -- |
| 5-May-21 | 1.50 | 3.30 | 2.69 | -- | -- | -- |
| 6-May-21 | 1.96 | 3.50 | 2.92 | -- | -- | -- |
| 7-May-21 | 1.50 | 3.50 | 2.85 | -- | -- | -- |
| 8-May-21 | 2.54 | 5.00 | 3.30 | -- | -- | -- |
| 9-May-21 | 1.98 | 4.01 | 2.78 | -- | -- | -- |
| 10-May-21 | 1.50 | 3.43 | 2.81 | -- | -- | -- |
| 11-May-21 | 0.50 | 3.43 | 2.29 | -- | -- | -- |
| 12-May-21 | 1.00 | 3.08 | 2.21 | -- | -- | -- |
| 13-May-21 | 1.00 | 3.38 | 2.28 | -- | -- | -- |
| 14-May-21 | 1.55 | 3.50 | 2.82 | -- | -- | -- |
| 15-May-21 | 1.44 | 3.50 | 2.45 | -- | -- | -- |
| 16-May-21 | 1.24 | 3.07 | 2.22 | -- | -- | -- |
| 17-May-21 | 1.75 | 3.50 | 2.67 | -- | -- | -- |
| 18-May-21 | 1.20 | 3.34 | 2.34 | -- | -- | -- |
| 19-May-21 | 1.20 | 3.04 | 1.96 | -- | -- | -- |
| 20-May-21 | 0.82 | 2.94 | 1.70 | -- | -- | -- |
| 21-May-21 | 0.80 | 3.46 | 1.98 | -- | -- | -- |
| 22-May-21 | 1.53 | 4.00 | 2.41 | -- | -- | -- |
| 23-May-21 | 1.20 | 5.00 | 2.65 | -- | -- | -- |
| 24-May-21 | 1.99 | 5.00 | 3.03 | -- | -- | -- |
| 25-May-21 | 1.50 | 5.00 | 3.01 | -- | -- | -- |
| 26-May-21 | 1.50 | 4.14 | 2.49 | -- | -- | -- |
| 27-May-21 | 0.85 | 3.35 | 2.24 | -- | -- | -- |
| 28-May-21 | 1.50 | 6.00 | 2.85 | -- | -- | -- |
| 29-May-21 | 2.19 | 6.01 | 3.61 | -- | -- | -- |
| 30-May-21 | 0.60 | 4.50 | 2.66 | -- | -- | -- |
| 31-May-21 | 0.50 | 3.36 | 2.43 | -- | -- | -- |
| | 0.50[#] | 6.01[#] | 2.61 | -- | -- | -- |

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), MAY 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 | 90.00 | 441.15 | 351.15 | 0.66 | 304.58 | 303.91 | 21.95 | 71.71 | -49.76 | 605.30 |
| HARYANA | 1.13 | 527.79 | 526.66 | 96.27 | 155.80 | 59.53 | 49.51 | 68.78 | -19.26 | 566.94 |
| RAJASTHAN | 117.27 | 178.93 | 61.66 | 239.87 | 183.36 | -56.51 | 95.77 | 100.78 | -5.01 | 0.14 |
| DELHI | 7.79 | 411.02 | 403.23 | 294.12 | 56.44 | -237.68 | 11.56 | 35.70 | -24.15 | 141.40 |
| UP | 1.98 | 605.43 | 603.45 | 663.89 | 101.55 | -562.33 | 64.27 | 146.77 | -82.50 | -41.39 |
| UTTARAKHAND | 22.80 | 4.53 | -18.27 | 3.53 | 100.28 | 96.75 | 26.54 | 21.78 | 4.76 | 83.24 |
| HIMACHAL P | 185.70 | 0.00 | -185.70 | 265.39 | 69.78 | -195.61 | 30.92 | 11.97 | 18.95 | -362.36 |
| J & K | 261.49 | 0.00 | -261.49 | 33.55 | 216.07 | 182.52 | 33.21 | 45.65 | -12.44 | -91.40 |
| CHANDIGARH | 0.00 | 0.00 | 0.00 | 30.02 | 1.48 | -28.55 | 3.78 | 10.37 | -6.59 | -35.14 |
| MP | 374.79 | 153.04 | -221.75 | 292.90 | 57.85 | -235.05 | 33.76 | 114.77 | -81.01 | -537.82 |
| MAHARASHTRA | 14.88 | 196.05 | 181.17 | 24.61 | 599.05 | 574.43 | 64.74 | 64.48 | 0.26 | 755.87 |
| GUJARAT | 260.12 | 821.60 | 561.48 | 23.48 | 1076.26 | 1052.78 | 59.13 | 94.66 | -35.53 | 1578.73 |
| CHHATTISGARH | 5.31 | 191.35 | 186.04 | 277.99 | 5.21 | -272.78 | 25.48 | 32.81 | -7.33 | -94.07 |
| GOA | 0.00 | 43.59 | 43.59 | 37.32 | 8.25 | -29.07 | 5.13 | 10.92 | -5.79 | 8.73 |
| DAMAN AND DIU | 0.00 | 1.83 | 1.83 | 0.00 | 4.45 | 4.45 | 3.52 | 2.49 | 1.03 | 7.31 |
| DADRA & NAGAR H | 0.00 | 7.49 | 7.49 | 0.63 | 27.49 | 26.85 | 7.43 | 5.18 | 2.25 | 36.59 |
| ANDHRA P | 10.15 | 390.56 | 380.41 | 13.54 | 1421.63 | 1408.08 | 82.21 | 56.19 | 26.03 | 1814.52 |
| KARNATAKA | 169.10 | 2.30 | -166.80 | 200.29 | 72.31 | -127.98 | 69.74 | 62.32 | 7.42 | -287.36 |
| KERALA | 12.70 | 88.69 | 75.99 | 181.90 | 34.84 | -147.06 | 25.88 | 28.76 | -2.88 | -73.95 |
| TAMIL NADU | 0.69 | 803.84 | 803.15 | 30.81 | 370.71 | 339.90 | 65.12 | 65.47 | -0.36 | 1142.70 |
| PONDICHERY | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.37 | 10.86 | -8.49 | -8.49 |
| TELANGANA | 199.00 | 4.27 | -194.72 | 224.13 | 107.67 | -116.47 | 24.16 | 79.67 | -55.50 | -366.69 |
| WEST BENGAL | 4.98 | 176.27 | 171.29 | 296.45 | 100.65 | -195.80 | 44.96 | 48.19 | -3.23 | -27.74 |
| ODISHA | 19.13 | 351.11 | 331.98 | 385.32 | 80.88 | -304.44 | 36.98 | 39.62 | -2.64 | 24.90 |
| BIHAR | 0.00 | 167.31 | 167.31 | 178.13 | 124.39 | -53.74 | 89.56 | 54.19 | 35.37 | 148.94 |
| JHARKHAND | 0.00 | 122.13 | 122.13 | 29.80 | 49.13 | 19.33 | 17.88 | 29.89 | -12.01 | 129.45 |
| SIKKIM | 42.66 | 37.59 | -5.07 | 13.22 | 5.27 | -7.95 | 7.67 | 4.03 | 3.64 | -9.38 |
| DVC | 157.09 | 7.82 | -149.27 | 20.40 | 1.04 | -19.36 | 27.73 | 24.22 | 3.51 | -165.13 |
| ARUNACHAL P | 15.22 | 0.00 | -15.22 | 10.08 | 4.37 | -5.71 | 2.39 | 8.58 | -6.20 | -27.13 |
| ASSAM | 0.00 | 4.14 | 4.14 | 49.97 | 118.47 | 68.51 | 19.22 | 13.26 | 5.96 | 78.61 |
| MANIPUR | 18.60 | 1.52 | -17.08 | 0.82 | 21.47 | 20.65 | 2.00 | 3.23 | -1.24 | 2.33 |
| MEGHALAYA | 5.70 | 28.07 | 22.37 | 1.37 | 13.30 | 11.94 | 3.05 | 4.96 | -1.91 | 32.40 |
| MIZORAM | 0.00 | 0.00 | 0.00 | 3.25 | 0.00 | -3.25 | 1.96 | 2.13 | -0.17 | -3.42 |
| NAGALAND | 1.25 | 0.00 | -1.25 | 0.24 | 5.53 | 5.29 | 0.99 | 2.44 | -1.45 | 2.59 |
| TRIPURA | 0.00 | 0.00 | 0.00 | 3.16 | 10.95 | 7.80 | 10.10 | 7.87 | 2.23 | 10.03 |
| NTPC STNS-NR | 0.00 | 0.00 | 0.00 | 2.02 | 0.00 | -2.02 | 50.35 | 58.33 | -7.98 | -10.00 |
| NHPC STNS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.64 | 99.74 | -90.10 | -90.10 |
| NFF | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.32 | 0.21 | 0.11 | 0.11 |
| RAIL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.09 | 2.16 | 5.93 | 5.93 |
| NEP | 0.00 | 32.83 | 32.83 | 0.00 | 0.00 | 0.00 | 4.98 | 3.86 | 1.12 | 33.95 |
| NAPP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.46 | 3.61 | 3.85 | 3.85 |
| RAP B | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.87 | 1.59 | 0.29 | 0.29 |
| NJPC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.91 | 9.87 | -4.96 | -4.96 |
| TEHRI | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.15 | 1.16 | -0.01 | -0.01 |
| BBMB | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.89 | 14.52 | -10.64 | -10.64 |
| RAP C | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.22 | 0.35 | 6.87 | 6.87 |
| AD HYDRO | 28.78 | 0.00 | -28.78 | 12.29 | 0.00 | -12.29 | 0.90 | 1.96 | -1.06 | -42.14 |
| IGSTPS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.23 | 0.28 | 5.95 | 5.95 |
| KOTESHWAR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 1.27 | -1.11 | -1.11 |
| KARCHAM WANGTO | 0.00 | 0.00 | 0.00 | 31.06 | 0.00 | -31.06 | 5.48 | 8.36 | -2.88 | -33.94 |
| SHREE CEMENT | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 0.12 | 0.47 | 0.47 |
| LANCO BUDHIL | 0.00 | 0.00 | 0.00 | 2.62 | 0.00 | -2.62 | 0.34 | 0.77 | -0.43 | -3.05 |
| RAMPUR HEP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.78 | 8.28 | -7.50 | -7.50 |
| SAINJ HEP | 0.00 | 0.00 | 0.00 | 29.12 | 0.00 | -29.12 | 0.62 | 1.70 | -1.08 | -30.21 |
| RENEW_SLR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.54 | 1.12 | -0.58 | -0.58 |
| AZURE_SLR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.25 | 4.04 | -2.78 | -2.78 |
| SB_SLR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.30 | 3.01 | -0.71 | -0.71 |
| ACME_SLR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.73 | 6.00 | -4.27 | -4.27 |
| AZURE34_SLR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.26 | 3.49 | -2.22 | -2.22 |

| | | | | | | | | | | |
|------------------|--------|------|---------|--------|--------|---------|-------|--------|--------|---------|
| TATA_SLR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.77 | 2.61 | -0.84 | -0.84 |
| RENEW_SLR_BKN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.66 | 3.06 | 0.60 | 0.60 |
| CLEAN_SLR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.51 | 5.42 | -1.91 | -1.91 |
| ARERJL_SLR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.05 | 3.96 | -1.91 | -1.91 |
| ASEJTL_SLR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.82 | 0.93 | -0.12 | -0.12 |
| SINGOLI BHATWARI | 0.00 | 0.00 | 0.00 | 30.50 | 0.00 | -30.50 | 3.53 | 6.14 | -2.62 | -33.11 |
| AZURE43_SLR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 0.99 | -0.33 | -0.33 |
| NTPC STNS-WR | 0.00 | 0.00 | 0.00 | 10.36 | 0.00 | -10.36 | 79.85 | 101.01 | -21.15 | -31.51 |
| BHADRAVATHI HVDC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.02 | 0.02 | 0.02 |
| VINDHYACHAL HVDC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.31 | -0.31 | -0.31 |
| JINDAL POWER | 58.78 | 0.00 | -58.78 | 103.52 | 0.29 | -103.23 | 2.09 | 5.27 | -3.17 | -165.18 |
| LANKO_AMK | 8.17 | 0.00 | -8.17 | 0.00 | 0.00 | 0.00 | 0.32 | 6.23 | -5.92 | -14.09 |
| NSPCL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.13 | 1.53 | 5.60 | 5.60 |
| ACBIL | 0.31 | 0.00 | -0.31 | 5.71 | 0.00 | -5.71 | 1.84 | 2.57 | -0.74 | -6.76 |
| BALCO | 132.33 | 0.00 | -132.33 | 7.95 | 0.00 | -7.95 | 16.97 | 2.21 | 14.76 | -125.51 |
| RGPPL | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | -0.02 | 8.95 | 3.33 | 5.62 | 5.60 |
| CGPL | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | -0.04 | 10.44 | 1.98 | 8.47 | 8.43 |
| DCPP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | -0.01 | -0.01 |
| EMCO | 0.00 | 0.00 | 0.00 | 23.44 | 0.00 | -23.44 | 7.52 | 3.24 | 4.29 | -19.16 |
| KSK MAHANADI | 57.27 | 0.00 | -57.27 | 0.81 | 0.00 | -0.81 | 2.20 | 2.01 | 0.19 | -57.89 |
| ESSAR POWER | 188.26 | 0.00 | -188.26 | 35.33 | 0.00 | -35.33 | 1.51 | 4.17 | -2.66 | -226.26 |
| JINDAL STAGE-II | 94.47 | 0.00 | -94.47 | 36.33 | 1.92 | -34.42 | 3.31 | 6.85 | -3.54 | -132.43 |
| DB POWER | 316.99 | 0.00 | -316.99 | 90.79 | 0.00 | -90.79 | 7.47 | 3.94 | 3.53 | -404.25 |
| DHARIWAL POWER | 0.00 | 0.00 | 0.00 | 0.39 | 0.00 | -0.39 | 1.64 | 2.34 | -0.70 | -1.09 |
| JAYPEE NIGRIE | 339.86 | 0.00 | -339.86 | 22.80 | 0.00 | -22.80 | 4.41 | 5.49 | -1.08 | -363.74 |
| DGEN MEGA POWER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.24 | 0.00 | 1.24 | 1.24 |
| MB POWER | 81.56 | 0.00 | -81.56 | 121.56 | 5.01 | -116.55 | 12.37 | 5.10 | 7.27 | -190.85 |
| MARUTI COAL | 0.00 | 0.00 | 0.00 | 50.35 | 0.00 | -50.35 | 0.00 | 0.00 | 0.00 | -50.35 |
| SPECTRUM | 0.00 | 0.00 | 0.00 | 45.81 | 0.00 | -45.81 | 0.00 | 0.00 | 0.00 | -45.81 |
| JHABUA POWER_MP | 55.19 | 0.00 | -55.19 | 20.18 | 0.00 | -20.18 | 3.93 | 4.94 | -1.01 | -76.38 |
| SASAN UMPPI | 0.00 | 0.00 | 0.00 | 27.43 | 0.00 | -27.43 | 1.95 | 49.36 | -47.41 | -74.84 |
| TRN ENERGY | 3.84 | 0.00 | -3.84 | 7.22 | 0.00 | -7.22 | 0.54 | 2.01 | -1.46 | -12.52 |
| RKM POWER | 35.55 | 0.00 | -35.55 | 128.27 | 0.00 | -128.27 | 7.29 | 2.46 | 4.82 | -159.00 |
| SKS POWER | 195.52 | 0.00 | -195.52 | 0.00 | 0.00 | 0.00 | 0.70 | 0.79 | -0.08 | -195.60 |
| BARC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 2.40 | -2.38 | -2.38 |
| KAPP 3&4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.98 | 7.86 | -1.89 | -1.89 |
| HVDC CHAMPA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 0.08 | 0.14 | 0.14 |
| MAHINDRA_RUMS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.86 | 3.80 | 2.06 | 2.06 |
| ARINSUM_RUMS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.82 | 3.18 | 3.64 | 3.64 |
| OSTRO | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.53 | 7.97 | -0.44 | -0.44 |
| ACME_RUMS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.21 | 3.18 | 3.03 | 3.03 |
| RENEW_BHACHAU | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.53 | 7.78 | -0.257 | -0.257 |
| GIWEL_BHUJ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.96 | 17.06 | -5.10 | -5.10 |
| INOX_BHUJ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.99 | 8.13 | -2.14 | -2.14 |
| AGEMPL_BHUJ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 17.84 | 8.81 | 9.03 | 9.03 |
| REGL | 334.98 | 0.00 | -334.98 | 6.39 | 0.00 | -6.39 | 0.00 | 0.00 | 0.00 | -341.37 |
| RPREL | 812.23 | 0.00 | -812.23 | 5.26 | 0.00 | -5.26 | 12.11 | 3.18 | 8.93 | -808.55 |
| AMPS Hazira | 0.00 | 7.65 | 7.65 | 0.00 | 39.24 | 39.24 | 18.45 | 21.25 | -2.80 | 44.09 |
| HVDC RAIGARH | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.29 | -0.29 | -0.29 |
| RGPPL_IR | 0.00 | 0.00 | 0.00 | 0.69 | 0.00 | -0.69 | 0.00 | 0.00 | 0.00 | -0.69 |
| RGPPL_Others | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | -0.02 | 0.00 | 0.00 | 0.00 | -0.02 |
| ALFANAR_BHUJ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.29 | 8.92 | -2.63 | -2.63 |
| RENEW_BHUJ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.60 | 8.05 | 0.55 | 0.55 |
| NTPC STNS-SR | 0.00 | 0.00 | 0.00 | 11.63 | 0.00 | -11.63 | 26.05 | 25.27 | 0.77 | -10.86 |
| 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 | 0.48 | 0.00 | 0.48 | 0.48 |
| MEENAKSHI | 118.10 | 0.00 | -118.10 | 0.00 | 127.79 | 127.79 | 8.17 | 0.21 | 7.96 | 17.66 |
| COASTGEN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.00 | 0.81 | 2.19 | 2.19 |
| THERMAL POWERTE | 2.20 | 0.00 | -2.20 | 0.00 | 0.00 | 0.00 | 12.80 | 2.40 | 10.40 | 8.21 |
| IL&FS | 22.51 | 0.00 | -22.51 | 0.53 | 0.00 | -0.53 | 4.47 | 0.35 | 4.11 | -18.93 |
| NLC | 0.00 | 0.00 | 0.00 | 168.96 | 0.00 | -168.96 | 25.14 | 36.66 | -11.51 | -180.47 |
| SEMBCORP | 358.99 | 0.00 | -358.99 | 218.90 | 0.00 | -218.90 | 4.16 | 3.65 | 0.51 | -577.38 |
| NETCL VALLUR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.79 | 1.50 | 7.29 | 7.29 |
| NTPL | 0.00 | 0.00 | 0.00 | 3.08 | 0.00 | -3.08 | 2.18 | 1.94 | 0.23 | -2.85 |
| AHSP_ANTP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.74 | 1.25 | -0.51 | -0.51 |
| AKSP_ANTP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.71 | 1.18 | -0.46 | -0.46 |
| ABSP_ANTP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 | 0.94 | -0.36 | -0.36 |
| AZURE_ANTP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.29 | 2.02 | -0.72 | -0.72 |

| | | | | | | | | | | |
|--|--------|--------|---------|--------|--------|---------|-------|-------|--------|---------|
| TATA_ANTP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.93 | 0.84 | 0.09 | 0.09 |
| FRV_ANTP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.75 | 3.44 | -0.69 | -0.69 |
| NTPC_ANTP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.07 | 8.05 | 2.02 | 2.02 |
| GIWEL_TCN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 9.08 | 5.31 | 3.76 | 3.76 |
| MYTRAH_TCN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 1.24 | -0.54 | -0.54 |
| FRV_NPK | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.59 | 8.11 | -0.52 | -0.52 |
| ORANGE_TCN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.80 | 7.58 | -0.79 | -0.79 |
| BETAM_TCN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.55 | 3.18 | 0.37 | 0.37 |
| SBG_PVGD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.91 | 4.04 | -1.13 | -1.13 |
| SBG_NPK | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.22 | 1.88 | -0.66 | -0.66 |
| FORTUM1_PVGD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.54 | 3.09 | -0.55 | -0.55 |
| PARAM_PVGD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.60 | 1.21 | -0.61 | -0.61 |
| YARROW_PVGD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.97 | 8.27 | -3.30 | -3.30 |
| TATA_PVGD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 1.25 | -0.37 | -0.37 |
| RENEW_PVGD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.68 | 1.13 | -0.44 | -0.44 |
| AKS_PVGD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.74 | 1.08 | -0.34 | -0.34 |
| ARS_PVGD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.80 | 1.99 | 0.80 | 0.80 |
| AVAADA1_PVGD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 1.26 | -0.56 | -0.56 |
| ADY1_PVGD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.54 | 1.43 | -0.90 | -0.90 |
| ADY2_PVGD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 1.19 | -0.49 | -0.49 |
| ADY13_PVGD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.63 | 1.35 | -0.72 | -0.72 |
| ADY3_PVGD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.57 | 1.41 | -0.83 | -0.83 |
| ADY6_PVGD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.60 | 1.37 | -0.77 | -0.77 |
| ADY10_PVGD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.12 | 2.43 | -1.31 | -1.31 |
| AZURE_PVGD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.18 | 5.35 | -3.18 | -3.18 |
| FORTUM2_PVGD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.25 | 2.93 | -0.67 | -0.67 |
| AVAADA2_PVGD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.96 | 0.50 | 0.46 | 0.46 |
| KREDL_PVGD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.17 | 6.65 | -4.48 | -4.48 |
| AYANA_NPKUNTA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.75 | 7.01 | -5.26 | -5.26 |
| SPRNG_NPKUNTA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.61 | 3.67 | 1.94 | 1.94 |
| SPRING_PUGALUR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.67 | 2.50 | 1.17 | 1.17 |
| NTPC STNS-ER | 0.00 | 0.00 | 0.00 | 5.31 | 0.00 | -5.31 | 52.75 | 28.99 | 23.75 | 18.44 |
| MAITHON POWER L | 0.00 | 0.00 | 0.00 | 0.25 | 0.00 | -0.25 | 5.37 | 6.35 | -0.98 | -1.23 |
| NPGC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.16 | 3.55 | -0.40 | -0.40 |
| ADHUNIK POWER LT | 122.13 | 0.00 | -122.13 | 18.34 | 0.00 | -18.34 | 5.07 | 4.25 | 0.82 | -139.64 |
| CHUZACHEN HEP | 0.00 | 0.00 | 0.00 | 5.32 | 0.00 | -5.32 | 0.87 | 1.69 | -0.82 | -6.13 |
| RANGIT HEP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.22 | 1.44 | -0.22 | -0.22 |
| GMR KAMALANGA | 0.09 | 0.00 | -0.09 | 24.90 | 0.00 | -24.90 | 3.52 | 5.28 | -1.76 | -26.75 |
| JITPL | 405.34 | 0.00 | -405.34 | 50.31 | 0.00 | -50.31 | 2.96 | 2.74 | 0.22 | -455.43 |
| TEESTA HEP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.52 | 7.77 | -7.25 | -7.25 |
| DAGACHU | 29.95 | 0.00 | -29.95 | 0.00 | 0.00 | 0.00 | 10.79 | 0.59 | 10.20 | -19.76 |
| JORETHANG | 1.89 | 0.00 | -1.89 | 8.40 | 0.00 | -8.40 | 3.29 | 0.48 | 2.81 | -7.48 |
| NEPAL(NVVN) | 0.00 | 41.78 | 41.78 | 0.00 | 118.73 | 118.73 | 12.66 | 9.32 | 3.35 | 163.86 |
| BANGLADESH | 0.00 | 118.10 | 118.10 | 0.00 | 0.00 | 0.00 | 5.79 | 1.67 | 4.12 | 122.21 |
| HVDC PUS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.01 | 0.01 | 0.01 |
| TEESTA STG3 | 86.86 | 0.00 | -86.86 | 362.43 | 0.00 | -362.43 | 9.95 | 4.95 | 5.00 | -444.29 |
| DIKCHU HEP | 33.56 | 0.00 | -33.56 | 21.70 | 0.00 | -21.70 | 2.72 | 4.39 | -1.67 | -56.93 |
| HVDC ALPD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.04 | 0.09 | 0.09 |
| TASHIDENG HEP | 2.26 | 0.00 | -2.26 | 6.86 | 0.00 | -6.86 | 2.77 | 0.76 | 2.01 | -7.11 |
| BRBCL,NABINAGAR | 0.00 | 0.00 | 0.00 | 0.50 | 0.00 | -0.50 | 6.34 | 6.12 | 0.22 | -0.27 |
| MTPS II | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.98 | 0.69 | 1.29 | 1.29 |
| TALA HEP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 78.75 | 1.27 | 77.47 | 77.47 |
| CHUKHA HEP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 65.97 | -65.85 | -65.85 |
| KURICHU HEP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.82 | 12.50 | -7.67 | -7.67 |
| MANGDECHU HEP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.06 | 2.28 | -0.22 | -0.22 |
| NTPC STNS-NER | 0.33 | 0.00 | -0.33 | 11.58 | 0.00 | -11.58 | 4.59 | 1.63 | 2.96 | -8.94 |
| NEEPCO STNS | 41.78 | 0.00 | -41.78 | 75.48 | 0.00 | -75.48 | 2.14 | 10.52 | -8.38 | -125.64 |
| RANGANADI HEP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.88 | 2.04 | -1.16 | -1.16 |
| DOYANG HEP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 0.23 | -0.01 | -0.01 |
| ONGC PALATANA | 0.00 | 0.00 | 0.00 | 23.60 | 0.00 | -23.60 | 2.32 | 0.91 | 1.41 | -22.18 |
| LOKTAK | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.31 | 0.57 | -0.26 | -0.26 |
| PARE HEP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.79 | -0.65 | -0.65 |
| 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 | | | | | | | | | | |