

ANNUAL ENERGY AUDIT REPORT



Designated Consumer



North Bihar Power Distribution Company Limited

(NBPDC)
Vidyut Bhawan, Baily Road,
Patna- 800001
(Bihar)

FY 2021 -22

Conducted by



A-Z Energy Engineers Private Limited

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ACKNOWLEDGEMENT

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We also express sincere thanks to the management of NBPDC, Patna, which is a Designated Consumers in the DISCOM sector for extending necessary co-operation and providing relevant information to us for the successful completion of the audit. Our sincere thanks to the entire plant working group comprising of:

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- Sh. Deepak Kumar– Junior Electrical Engineer (Energy Accounting)

A-Z Energy Engineers Pvt. Ltd. looks forward to their continued support in all future endeavours as well.

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List of Abbreviations

AMI	Advanced Metering Infrastructure
AMR	Automated Meter Reading
AMRUT	Atal Mission for Rejuvenation and Urban Transformation
AT & C	Aggregate Technical and Commercial
BEE	Bureau of Energy Efficiency
ckt	Circuit
CT	Current Transformer
DC	Designated Consumer
DEEP	Discovery of Efficient Electricity Price
DISCOM	Electricity Distribution Company
DT	Distribution Transformer
EA	Energy Auditor
EHT	Extra High Tension
EHV	Extra High Voltage
EM	Energy Manager
FY	Financial Year
HT	High Tension
HVDS	High Voltage Distribution System
KVA	Kilo Volt Ampere
LT	Low Tension
MoP	Ministry of Power
MU	Million Units
MW	Mega Watt
NO	Nodal Officer
OA	Open Access
POC	Point of Connection
PT	Potential Transformer
PX	Power Exchange
RE	Renewable Energy
RLDC	Regional Load Dispatch Centre
SDA	State Designated Agency
SLD	Single Line Diagram
SLDC	State Load Dispatch Centre
T & D	Transmission and Distribution

Executive Summary & Critical Analysis

Bureau of Energy Efficiency (BEE) notified the Bureau of Energy Efficiency (Manner and Intervals for Conduct of Energy Audit (Accounting) in Electricity Distribution Companies) Regulations, 2021 on 6th October 2021. As per the regulation, all Electricity Distribution Companies are mandated to conduct annual energy audit and periodic energy accounting on quarterly basis.

The North Bihar Power Distribution Company Limited (NBPDC) and South Bihar Power Distribution Company Limited (SBPDCL) are companies registered under the provisions of the Companies Act 1956 and are subsidiary companies of Bihar State Power (Holding) Company Limited (BSPHCL).

The Discoms (NBPDC) are companies registered under the provisions of the Companies Act 1956 and are subsidiary companies of Bihar State Power (Holding) Company Limited (BSPHCL). Discoms have the universal obligation to supply electricity to all the consumers of the State of Bihar. While the energy billed by NBPDC for the customer is 11993.33 MU, the monthly consumption per customer stands at 87.80 KWH/Month. NBPDC caters to area spread in 9 circles, 46 Division i.e Muzaffarpur, Motihari, Chapra, Darbhanga Samastipur, Begusarai, Purnea, and Kishanganj & Saharsa. The customer Profile of NBPDC for the year 2021-22 is shown in following table

➤ Input Energy Purchased for FY 2021-22

The Month wise energy purchase bill & Unit consumption of the

Months	BSPHCL Units (MU)	NBPDC Units (MU)
Apr-21	3295.75	1511.10
May-21	2977.39	1365.13
Jun-21	3202.95	1468.55
Jul-21	3801.71	1743.09
Aug-21	3711.08	1701.53
Sep-21	3551.82	1628.51
Oct-21	3040.37	1394.01
Nov-21	2216.35	1016.20
Dec-21	2376.30	1089.53
Jan-22	2687.56	1232.25
Feb-22	2323.70	1065.41
Mar-22	3087.18	1415.47
Total	36272.15	16630.78

Note: - The total purchase of BSPHCL IS 36272.15 MU & power in put to NBPDC is almost 46 % of total purchase Bihar. Detailed calculation mathology sheet is attached in annexure.

➤ DISCOM Energy Accounting FY 2021-22

Net energy input to the DISCOM for FY 2021-22 is estimated and presented in the table

Sr. No.	Particular	Values
1	Input Energy purchased (MU)	16630.78
2	Transmission loss (%)	3.81%
3	Transmission loss (MU)	633.63
4	Energy sold outside the periphery(MU)	630.844
5	Open access sale (MU)	184.74
6	EHT sale	106.23
7	Net input energy at DISCOM	14679.90

The Technical losses and AT&C losses for financial year 2021-22 are estimated and presented below

Total Losses	T & D Losses		AT & C Losses (%)
	T& D Losses (MU)	T & D Losses (MU)	24.75%
	2685.75	18.30%	

➤ Customer Profile of NBPDC For FY 2021-22

The total sales (Metered & Assessed) for the various consumers category are presented in the following table.

Consumer category	Total Number of connections (Nos)	% Sharing of Consumer	Total Connected Load (MW)	% Sharing of Load	Billed Energy (MU)	% Sharing of Load
Residential	10415432	91.50	8,224.51	73.48	8485.991	70.76
Agricultural	132548	1.16	324.19	2.90	467.488	3.90
Commercial/Industrial-LT	780690	6.86	2,062.22	18.42	1856.726	15.48
Commercial/Industrial-HT	1344	0.01	426.69	3.81	835.963	6.97
Others	52933	0.47	155.59	1.39	347.164	2.89
	11382947	100.00	11,193.20	100.00	11993.332	100.00

➤ Goals and Objectives

NBPDCL is a designated consumer in Discom sector. Being a designated Consumer NBPDCL need to have Annual energy audit (Accounting) of their facilities as per BEE notification No 18/1/BEE/Discom/2021 dated 6th October 2021.

The Annual Energy Audit (Accounting) at NBPDCL is conducted with the following Objectives:

- Verification of existing pattern of energy distribution across periphery of electricity Distribution Company.
- Verification of accounted energy flow submitted by electricity Distribution Company at all applicable voltage levels of the distribution network.
- Verification of the accuracy of the data collected and analyses and processes the data with respect to consistency, improvement in accounting and reducing loss of DISCOM.
- Verification of the information submitted by DC to the SDA/BEE about status of energy input, Output and loss for the previous two year.
- Access the past performance of the establishment.
- Quantification of Energy Losses, and Energy Saving Potential.

➤ Energy Input, Output & Losses For FY 2021-22

NBPDCL supply to Northern part of bihar, it is divided into 9 circles, 46 divisions & the overall purchased Energy, consumptions & AT & C losses for the FY-2021-2022 is shown in table below the AT&C losses for FY2021-2022 is 24.75% & the T&D losses of the sector is 18.30%.

Technical Details (FY2021-22)		
Energy Input Details	UoM	Value
Input Energy Purchase (From Generation Source)	Million kwh	16630.78
Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	14679.09
Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	11993.33
Transmission and Distribution (T&D) loss	Million kwh	2685.75

Technical Details (FY2021-22)		
Energy Input Details	UoM	Value
Details	%	18.30%
Collection Efficiency	%	92.11%
Aggregate Technical & Commercial Loss	%	24.75%

➤ Details of Input Energy & Infrastructure

The Input energy, consumption & transmission losses of the NBPDCCL are shown in table below:

Parameters	FY 2021-22
Input Energy purchased (MU)	16630.78
Transmission loss (%)	3.81%
Transmission loss (MU)	635.71
Energy sold outside the periphery(MU)	630.84
Open access sale (MU)	184.74
EHT sale	106.23
Net input energy (received at DISCOM periphery or at distribution point)-(MU)	14679.90
Is 100% metering available at 66/33 kV (Select yes or no from list)	Yes
Is 100% metering available at 11 kV (Select yes or no from list)	Yes
% of metering available at DT	59%
% of metering available at consumer end	100%
No of feeders at 66kV voltage level	0
No of feeders at 33kV voltage level	748
No of feeders at 11kV voltage level	3036
No of LT feeders level	0
Line length (ckt. km) at 66kV voltage level	0
Line length (ckt. km) at 33kV voltage level	9425.33
Line length (ckt. km) at 11kV voltage level	91032.74
Line length (km) at LT level	203635.49
Length of Aerial Bunched Cables	111366
Length of Underground Cables	225
HT/LT ratio	0.320

➤ **Action plan for line loss reduction**

Following energy conservation Measures (ECMs) is adopted for line loss reduction

1. Installation of Smart Meters.
2. Installation of Automatic Power factor controller (Capacitor Bank) at newly constructed PSS.
3. System improvement & automation.
4. Replacing of conventional/non star rated transformer into energy efficient transformers.
5. Laying of AB cables.
6. HVD system to reduce low tension line losses.
7. Replacing worm out /Under sized conductors.
8. Increase in HT/LT Ratio.
9. Preventive & Periodic maintenance of line & transformer.
10. Load balancing of distribution transformers.
11. MIS Based periodic reporting of unit wise business parameters.
12. Installation of Rooftop Grid connected solar generation plant with net metering.
13. Strengthening of energy accounting infrastructure at Feeder and DT level by provisioning AMR enabled meters.

Critical Analysis: -

- Discoms have the universal obligation to supply electricity to all the consumers of the State of Bihar. While the energy billed by NBPDCCL for the customer is 11993.33 MU, the monthly consumption per customer stands at 87.80 KWH/Month. NBPDCCL caters to area spread in 9 circles, 46 Division.
- Verified transmission losses, distribution (T&D) losses, collection efficiency & aggregate technical & commercial losses of NBPDCCL for FY2021-2022, i.e., 1st April'2021 to 31st March'2022 is 3.81%, 18.30%, 92.11% & 24.75 % respectively.
- The electrical energy which is supplied by various interstate Purchase power agreement at 220 KV, 132KV, 33 KV and same is supplied to customers at 220 KV, 132 KV, 33 KV, 11 KV, 400V and 230 V single phase.

- NBPDCL has 100 % metering available at 11/33/66 KV system. However, there is 100 % metering at consumer end and 59% metering available at DT.
- NBPDCL is a very vast distribution network having 9 numbers of circles, 46 numbers of divisions, 148 numbers of sub-division, 3784 number of feeders, 192298 number of DTs and 11382947 numbers of consumers.
- NBPDCL is not provided the Feeder wise T & D Losses, Input Energy & Losses.

II. Background

2.1 Extant Regulation & Role of BEE

The Objectives of BEE

- To develop policies and programmes on efficient use of energy and its conservation with the involvement of stakeholders.
- To plan, manage and implement energy conservation programmes as envisaged in the EC Act.
- To assume leadership and provide policy framework and direction to national energy efficiency and conservation efforts and programmes.
- To demonstrate energy efficiency delivery mechanisms, as envisaged in the EC Act, through Public-Private Partnership (PPP).
- To establish systems and procedures to measure, monitor and verify energy efficiency results in individual sectors as well as at the national level.
- To leverage multi-lateral, bi-lateral and private sector support in implementation of programmes and projects on efficient use of energy and its conservation.
- To promote awareness of energy savings and energy conservation.

Role of BEE

- BEE coordinates with designated agencies, designated consumers and other organization working in the field of energy conservation/efficiency to recognize and utilize the existing resources and infrastructure in performing the functions assigned to the Bureau under the Energy Conservation Act.
- The Act provides regulatory mandate for: standards & labelling of equipment and appliances; energy conservation building code for commercial buildings; and energy consumption norms for energy intensive industries.
- The EC Act was amended in 2010 to incorporate few additional provisions required to better equip BEE to manage ever evolving sphere of energy efficiency in the country.

The main amendments made to the original Act are given below:

- The Central Government may issue the energy savings certificate to the designated consumer whose energy consumption is less than the prescribed norms and standards in accordance with the procedure as may be prescribed.
- The designated consumer whose energy consumption is more than the prescribed norms and standards shall be entitled to purchase the energy

savings certificate to comply with the prescribed norms and standards

- The Central Government may, in consultation with the Bureau, prescribe the value of per metric ton of oil equivalent of energy consumed
- Commercial buildings which are having a connected load of 100 kW or contract demand of 120 kVA and above brought under the purview under the EC Act.

Promotional Role

The major Promotional Role of BEE includes:

- Create awareness and disseminate information on energy efficiency and conservation.
- Arrange and organize training of personnel and specialists in the techniques for efficient use of energy and its conservation.
- Strengthen consultancy services in the field of Energy Efficiency.
- Promote research and development.
- Develop testing and certification procedures and promote testing facilities.
- Formulate and facilitate implementation of pilot projects and demonstration projects.
- Promote use of energy efficient processes, equipment, devices and systems.
- Take steps to encourage preferential treatment for use of energy efficient equipment or appliances.
- Promote innovative financing of energy efficiency projects.
- Give financial assistance to institutions for promoting efficient use of energy and its conservation.
- Prepare educational curriculum on efficient use of energy and its conservation.
- Implement international co-operation programmes relating to efficient use of energy and its conservation.

2.2 Purpose of Audit & Accounting Report

NBPDCL is a designated consumer in Discom sector. Being a designated Consumer NBPDCL need to have Annual energy audit (Accounting) of their facilities as per BEE notification No 18/1/BEE/Discom/2021 dated 6th October 2021.

The energy intensity of India is higher with respect to GDP growth and there is an urgent need to address these issues on priority through integrated and comprehensive approach and by adopting latest techniques and technologies with active participation of all stakeholders.

Sensing the need of the hour Government of India initiated a mechanism for all energy intensive large industries and facilities (designated consumer) known as PAT Scheme which is “A market based mechanism to enhance cost effectiveness of improvements in energy efficiency in designated consumers, through certification of energy savings that could be traded.”

Annual Energy audit (Accounting) will not only help in reducing losses in system but it also helps DISCOM in sustainable growth. The objective of this energy audit is to reduce T&D loss and AT&C loss of the DISCOM through identification of commercially viable and implementable scheme for reduction of technical and commercial loss in the DISCOM thus leading to sustainable energy cost reductions.

The Annual Energy Audit (Accounting) at NBPDCL is conducted with the following Objectives:

- Verification of existing pattern of energy distribution across periphery of electricity Distribution Company.
- Verification of accounted energy flow submitted by electricity Distribution Company at all applicable voltage levels of the distribution network.
- Verification of the accuracy of the data collected and analyses and processes the data with respect to consistency, improvement in accounting and reducing loss of DISCOM.
- Verification of the information submitted by DC to the SDA/BEE about status of energy input, Output and loss for the previous two year.
- Access the past performance of the establishment.
- Quantification of Energy Losses, and Energy Saving Potential.

2.3 Period of Energy Audit & Accounting

Energy audit activity was started with a meeting at Head Office of NBPDCCL in the month of July 2022. Based on the requirement visit was made to Division, Subdivision, Grid etc. for data collection and technical discussion. The period of study was from April 2021 to March 2022.

III. Introduction of Designated Consumer

3.1 Sector

North Bihar Power Distribution Company Ltd. belongs to the DISCOM Sector.

3.2 Name and Address of Designated Consumer

PARTICULARS	DETAILS
Name of DC	North Bihar Power Distribution Company Ltd., (NBPDCCL)
Address	Third Floor, Vidyut Bhawan, Baily Road, Patna – 800001 (Bihar)

3.3 Name and details of energy manager and Authorised signatory of DC

PARTICULARS	DETAILS
Energy Manager	Mr. Himanshu (Revenue Officer) EM- 17704 Mobile: 7368800238 Email: ceeanbpdclpatna1@gmail.com
Authorized Signatory	Mr. Ajay Kumar Chief Engineer (Energy Accounting) Mobile: 92644437183 Email: ceeanbpdclpatna1@gmail.com

3.4 Summary profile of DC's

The Discoms (NBPDCCL) are companies registered under the provisions of the Companies Act 1956 and are subsidiary companies of Bihar State Power (Holding) Company Limited (BSPHCL). Discoms have the universal obligation to supply electricity to all the consumers of the State of Bihar. While the energy billed by NBPDCCL for the customer is 11993.33 MU, the monthly consumption per customer stands at 87.80 KWH/Month. NBPDCCL caters to area spread in 9 circles, 46 Division i.e Muzaffarpur, Motihari, Chapra, Darbhanga Samastipur, Begusarai, Purnea, and Kishanganj & Saharsa.

VISION

NBPDCL aspires to be the best electricity supply company in India by continuously enhancing its technological leadership and commercial acumen to satisfy its customers.

MISSION

Our Mission is to provide quality electricity supply services to each customer satisfying his / her needs in most efficient and effective manner at reasonable prices through continuous innovations and by maintaining commercial & financial viability of the company along with employee's satisfaction.

CORE VALUES

To achieve its mission, the Company and its employees commit themselves to honesty and integrity, result oriented work, transparency in work, dedication to duty, Cost consciousness, openness to suggestions and feedback from all stake holders.

- **Infrastructure Details of NBPDCL**

The total number of circles, Divisions, Feeders & DT's of NBPDCL is given in the below table:

Parameters	Total
Number of circles	9
Number of divisions	46
Number of sub-divisions	148
Number of feeders	3784
Number of DTs	192298
Number of consumers	11382947

- **NBPDCL Customer wise connections & energy consumptions for FY 2021-22**

Energy consumption with type of consumers is given in the table:

Type of Consumers	No of Consumers	Total Consumption (MU)	% Share
Commercial	780690	1856.73	15.48
Domestic	10415432	8485.99	70.76
HT Industrial	1344	835.96	6.97
Others-1 (if any , specify in remarks)	52933	347.16	2.89

Type of Consumers	No of Consumers	Total Consumption (MU)	% Share
Others-2 (if any , specify in remarks)	132548	467.49	3.90
Total	11382947.00	11993.33	100.00

- Number of Consumers**

The NBPDCCL is divided into 9 numbers of circles, 46 numbers of divisions & 148 numbers of sub divisions. The numbers of feeders, DT's & number of consumers is 3784, 192298 & 11382947 respectively.

Parameters	Total
Number of circles	9
Number of divisions	46
Number of sub-divisions	148
Number of feeders	3784
Number of DTs	192298
Number of consumers	11382947

- Voltage wise Meter Consumers**

The voltage wise meter types of meter values given table:

Parameters	66kV and above	33kV	11/22kV	LT
Number of conventional metered consumers	0	0	0	11209299
Number of consumers with 'smart' meters	0	0	0	0
Number of consumers with 'smart prepaid' meters	0	0	0	162375
Number of consumers with 'AMR' meters	7	54	1153	1424
Number of consumers with 'non-smart prepaid' meters	0	0	0	2505
Number of unmetered consumers	0	0	0	6130
Number of total consumers	7	54	1153	11381733

- **Numbers of Distribution Transformers**

Parameters	66kV and above	33kV	11/22kV	LT
Number of conventionally metered Distribution Transformers	-	-	-	110847
Number of DTs with communicable meters	-	-	-	3161
Number of unmetered DTs	-	-	-	78290
Number of total Transformers	-	-	-	192298.00

- **Numbers of Feeders**

Parameters	66kV and above	33kV	11/22kV	LT
Number of metered feeders	-	247	1646	-
Number of feeders with communicable meters		403	1224	
Number of unmetered feeders		98	166	
Number of total feeders	-	748	3036	-

- **Length of Cables**

Particulars	Value (kM)
Line length (ct km)	304093.56
Length of Aerial Bunched Cables	111366
Length of Underground Cables	225

IV. Discussions & Analysis

4.1 Energy Accounts for Previous Year

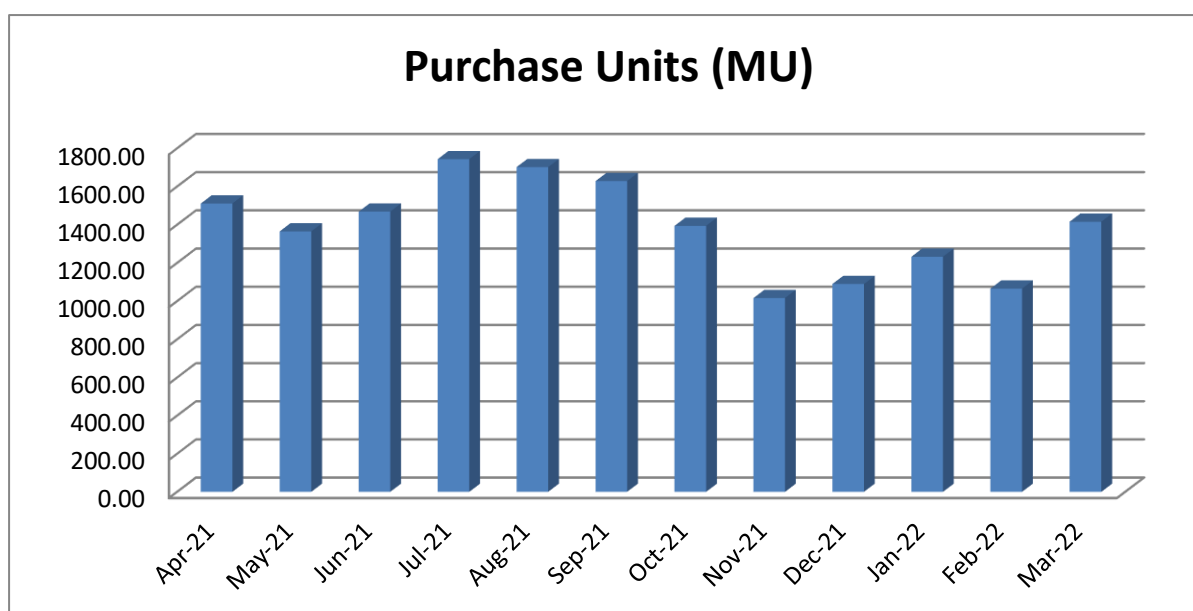
Current cycle of audit is first year of energy accounting base on the notification no. No. 18/1/BEE/DISCOM/2021 from **BUREAU OF ENERGY EFFICIENCY** dated 6th October, 2021.

4.2 Energy Accounts & Performance in current year

➤ Input Purchase Power for FY -2021-22

NBPDCL, Bihar purchase the power from the BSPHCL (Bihar State Power (Holding) Company Limited) the month wise purchase units are shown in below table:

Sr. No.	Months	NBPDCL Units (MU)
1	Apr-21	1511.10
2	May-21	1365.13
3	Jun-21	1468.55
4	Jul-21	1743.09
5	Aug-21	1701.53
6	Sep-21	1628.51
7	Oct-21	1394.01
8	Nov-21	1016.20
9	Dec-21	1089.53
10	Jan-22	1232.25
11	Feb-22	1065.41
12	Mar-22	1415.47
	Total	16630.78



➤ **Summary of Energy Consumption**

The consumer wise input energy consumptions & no of consumers is given in the table:

Type of Consumers	Category of Consumers (EHT/HT/LT/Others)	Voltage Level (In Voltage)	No of Consumers	Total Consumption (In MU)
Domestic	LT	220	10415432	8485.99
Commercial	LT	220	780690	1856.73
HT Industrial	HT		1344	835.96
Others-1 (if any , specify in remarks)	LT	220	52933	347.16
Others-2 (if any , specify in remarks)	LT	220	132548	467.48
Total			11382947	11993.33

➤ **Summary Sheet of AT & C losses**

The energy input, billed & AT&C Losses of the North Bihar Power Distribution Company Limited (NBPDC) is given below:

Technical Details (FY2021-22)		
Energy Input Details	UoM	Value
Input Energy Purchase (From Generation Source)	Million kwh	16630.78
Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	Million kwh	14679.09
Total Energy billed (is the Net energy billed, adjusted for energy traded))	Million kwh	11993.33
Transmission and Distribution (T&D) loss Details	Million kwh	2685.75
	%	18.30%
Collection Efficiency	%	92.11%
Aggregate Technical & Commercial Loss	%	24.75%

➤ **Circle wise Connections & Input Energy**

NBPDCL, Patna having 9 circles and 46 numbers of division & 148 numbers of sub division, the circle wise total numbers of connections, connected load (MW), Total input energy (MU) is given in the table:

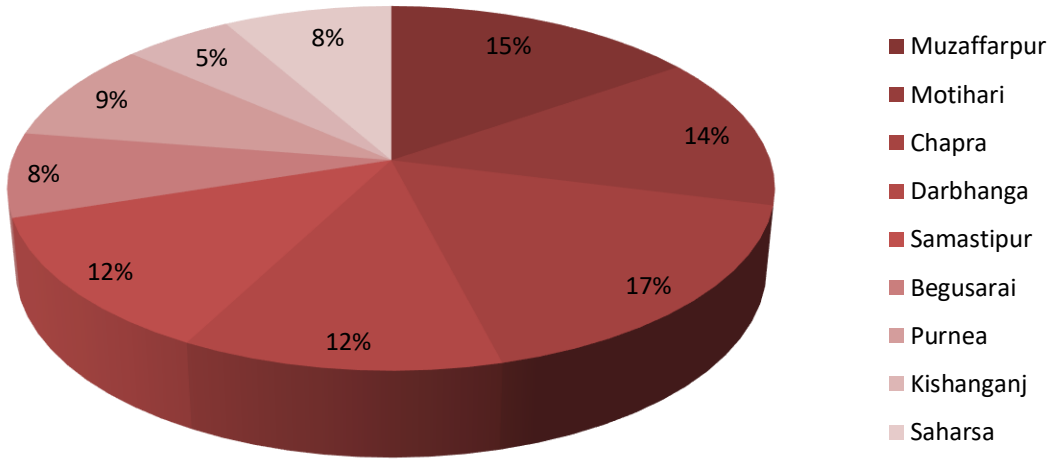
S. No	Name of circle	Total Number of connections (Nos)	Total Connected Load (MW)	Input energy (MU)	Total energy
1	Muzaffarpur	1529927	1494.05	2253.79	1905.81
2	Motihari	1426905	1259.77	1993.15	1647.33
3	Chapra	1595872	1716.32	2504.82	2028.24
4	Darbhanga	1588795	1561.56	1717.47	1378.61
5	Samastipur	1434118	1502.24	1804.89	1523.36
6	Begusarai	779653	840.28	1096.64	853.03
7	Purnea	1133382	1178.52	1313.30	1050.22
8	Kishanganj	819573	743.09	786.28	676.82
9	Saharsa	1074722	897.37	1208.75	929.91
	Total	11382947	11193.20	14679.09	11993.33

➤ **Circle wise T & D & AT & C Losses**

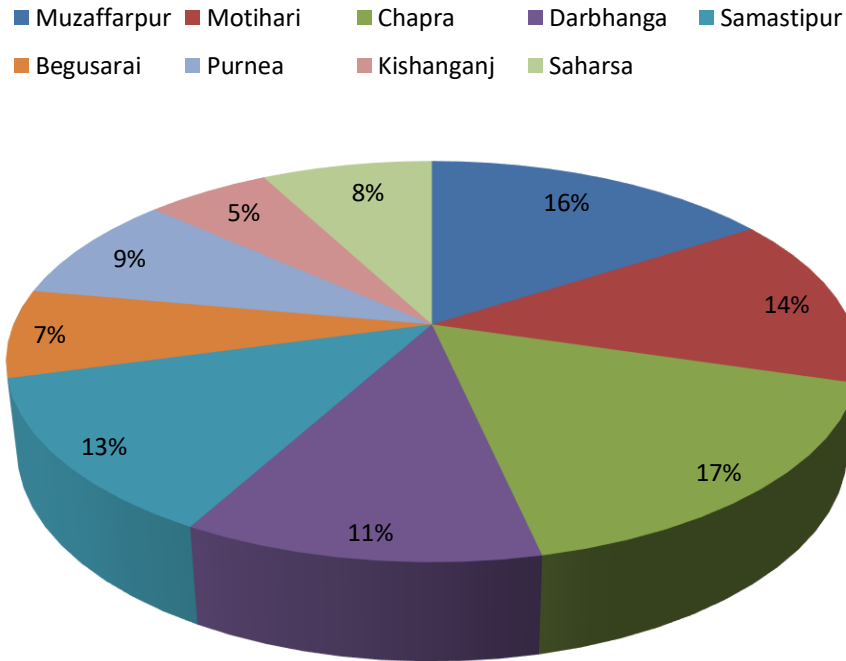
The circle wise connected load & input energy & metered energy with transmission & distribution losses is given in following table:

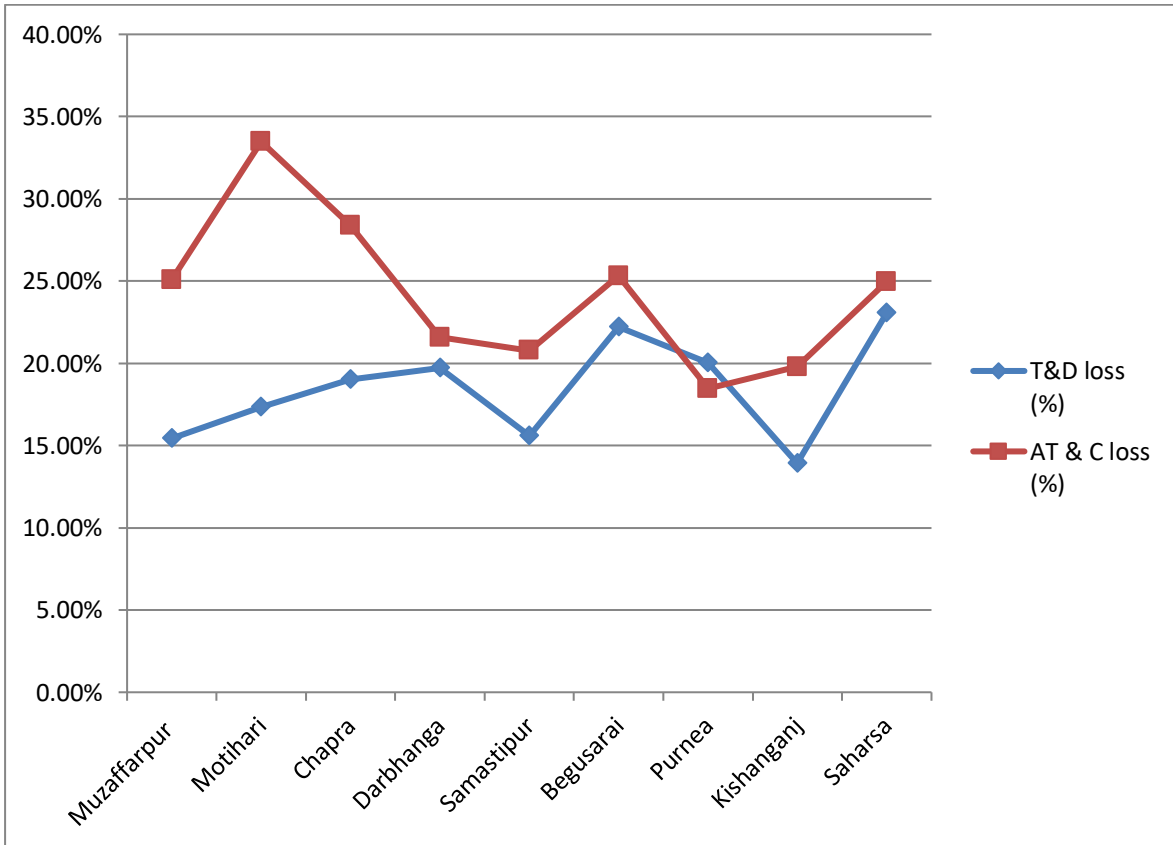
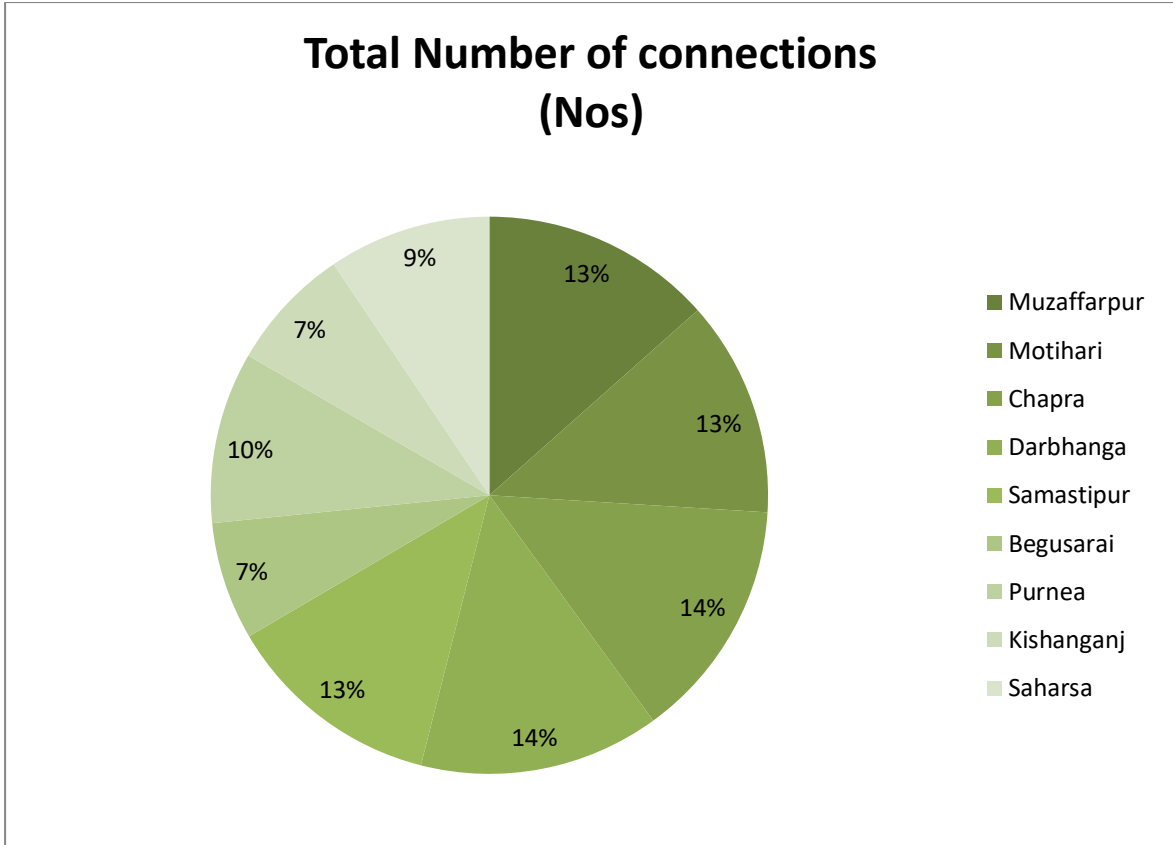
S. No	Name of circle	T&D loss (MU)	T&D loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	Collection Efficiency	AT & C loss (%)
1	Muzaffarpur	347.98	15.44%	1372.98	1216.40	88.60%	25.1%
2	Motihari	345.81	17.35%	1051.31	846.20	80.49%	33.5%
3	Chapra	476.58	19.03%	1410.88	1247.87	88.45%	28.4%
4	Darbhanga	338.86	19.73%	1024.19	1000.69	97.71%	21.6%
5	Samastipur	281.53	15.60%	1135.28	1065.56	93.86%	20.8%
6	Begusarai	243.61	22.21%	636.76	611.42	96.02%	25.3%
7	Purnea	263.08	20.03%	775.66	790.83	101.96%	18.5%
8	Kishanganj	109.47	13.92%	526.50	490.65	93.19%	19.8%
9	Saharsa	278.84	23.07%	693.45	676.41	97.54%	25.0%
	Total	2685.75	18.30%	8627.00	7946.04	92.11%	24.75%

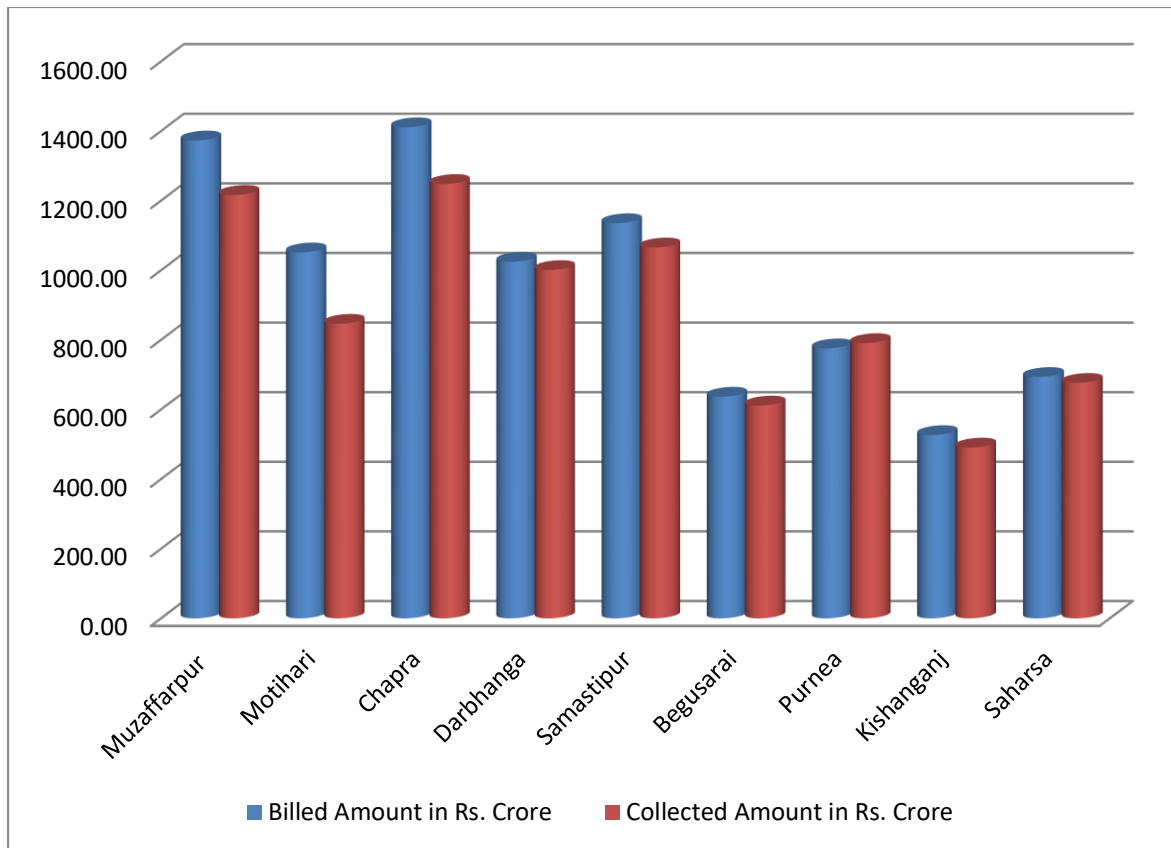
Input energy (MU)



Total energy







➤ **Division wise energy parameters& Losses**

The total 46 numbers of divisions, the energy parameter input energy, metered energy& T & D Losses of division wise is shown in below table:

Name of Division	connections (Nos)	Load (MW)	Total energy	T&D loss (MU)	T&D loss (%)	Collection Efficiency	AT & C loss (%)
Muzaffarpur (E)	259041	227.67	265.213	82.393	24%	87.93%	33%
Muzaffarpur (W)	348945	319.94278	396.753	88.388	18%	86.03%	30%
Muzaffarpur (U1)	82431	177.60	236.374	24.183	9%	99.32%	10%
Muzaffarpur (U2)	158257	217.28471	319.4862	61.555	16%	98.65%	17%
Sitamarhi	261400	265.95	315.554	39.674	11%	78.92%	30%
Seohar	100832	70.86	118.833	8.744	7%	79.60%	26%
Pupri	319021	214.75	253.596	43.039	15%	85.43%	27%
Motihari	285648	298.24	372.071	94.495	20%	83.40%	33%
Bettiah	394047	340.51	489.248	103.490	17%	78.98%	35%
Bagaha	226936	188.74	210.081	22.446	9%	79.20%	28%
Raxaul	228373	222.47	273.604	41.771	13%	79.95%	31%
Chakia	291901	209.80	302.325	83.613	22%	80.98%	37%
Chapra(E)	321522	365.17	431.103	103.147	19%	90.10%	27%
Chapra(W)	322663	415.39	348.484	197.986	36%	99.98%	36%
Siwan	270660	309.43	395.391	63.909	14%	85.44%	26%
Gopalganj	202085	212.17	267.331	8.622	3%	84.28%	18%
Maharajganj	228981	195.25	265.861	63.928	19%	88.86%	28%
Mirganj	249961	218.91	320.071	38.984	11%	78.80%	30%
Darbhanga(U)	76131	235.21	202.083	15.496	7%	96.03%	11%
Darbhanga(R)	354497	314.53	298.344	111.771	27%	95.12%	31%
Madhubani	313780	307.68	284.218	66.653	19%	96.94%	21%
Jhanjharpur	290065	233.60	194.038	79.306	29%	97.95%	30%
Jainagar	210581	184.83	151.102	50.821	25%	101.72%	24%
Benipur	343741	285.72	248.822	14.815	5%	100.67%	5%
Samastipur	338536	351.28	332.469	93.541	22%	95.93%	25%
Dalsingsarai	263338	247.89	198.531	65.702	25%	107.45%	19%

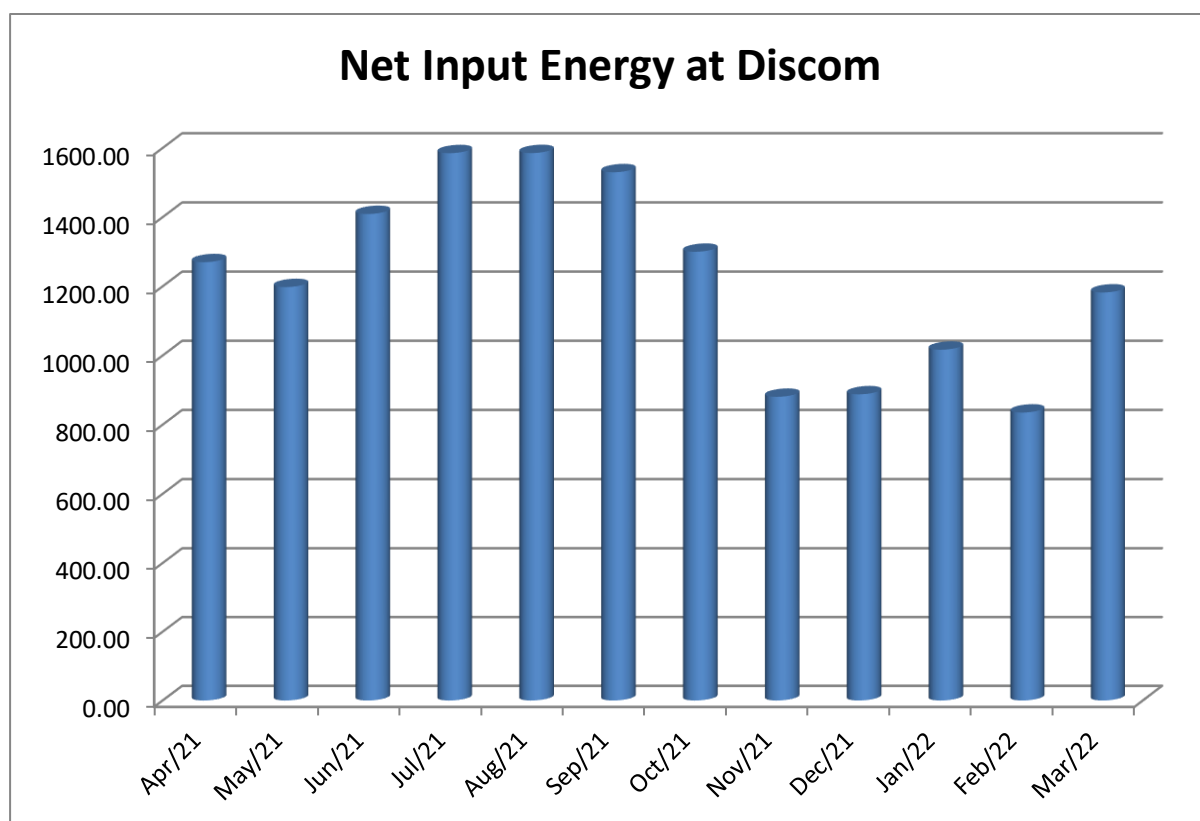
Name of Division	connections (Nos)	Load (MW)	Total energy	T&D loss (MU)	T&D loss (%)	Collection Efficiency	AT & C loss (%)
Rosera	247428	208.45	161.240	39.710	20%	105.61%	15%
Hajipur	281307	424.18	513.807	0.241	-2%	81.14%	18%
Mahua	303509	270.44	317.318	82.336	21%	98.70%	22%
Begusarai	317924	342.51	370.041	97.203	21%	93.18%	26%
Barauni	195121	218.22	252.583	54.076	18%	97.20%	20%
Khagaria	266608	279.54	230.409	92.333	29%	99.24%	29%
Purnea(E)	275365	288.36	295.643	33.574	10%	102.88%	8%
Purnea(W)	323042	359.47	313.243	62.054	17%	103.54%	14%
Katihar	271443	326.80	265.267	125.305	31%	99.28%	32%
Barsoi	263532	203.89	176.067	42.143	19%	101.82%	18%
Kishanganj	116579	146.89	116.013	6.531	5%	93.67%	11%
Araria	301926	252.93	239.129	36.571	13%	83.64%	27%
Forbesganj	167865	168.04	156.978	39.722	20%	102.14%	18%
Bahadurganj	233203	175.22	164.695	26.645	14%	98.41%	15%
Saharsa	186374	205.29	183.750	47.126	20%	98.66%	21%
Madhepura	205678	167.70	175.320	32.398	15%	90.93%	23%
Supaul	189082	166.50	160.543	55.051	26%	103.09%	23%
Raghopur	215071	157.29	182.324	63.419	26%	97.57%	28%
Simri bakhtiyarpur	143765	100.04	104.552	42.670	29%	101.66%	28%
Udakishunganj	134752	100.55	123.421	38.175	24%	94.74%	28%
Total	11382947	11193.20	11993.33	2685.75	18.30%	92.11%	24.75%

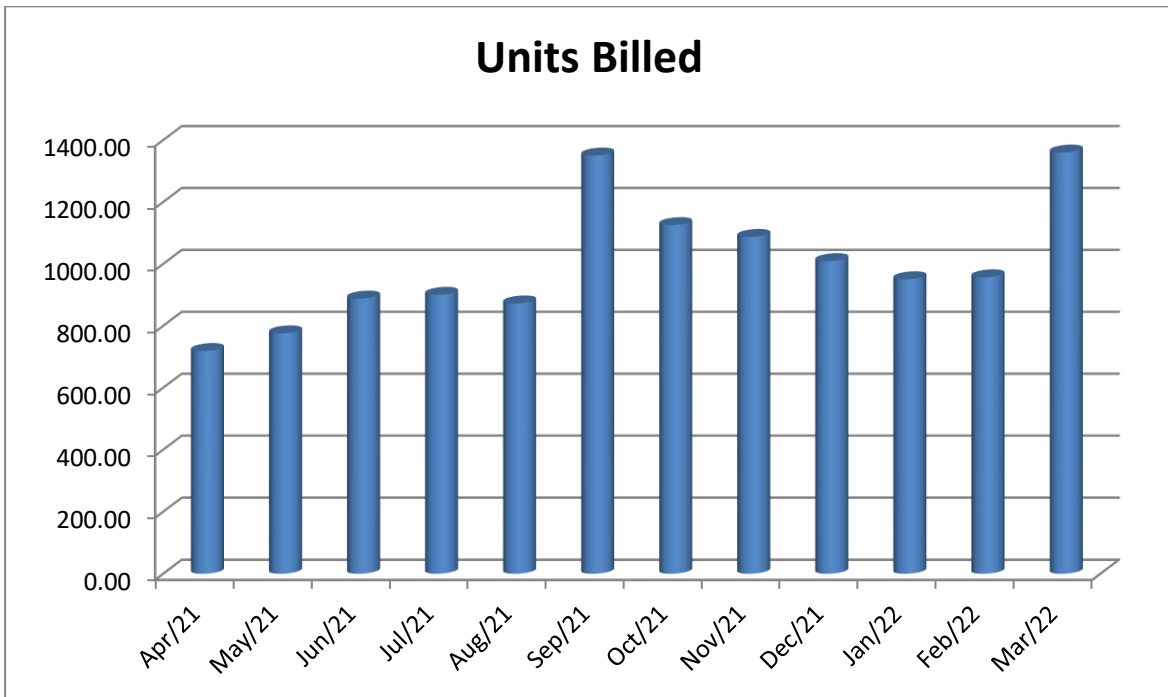
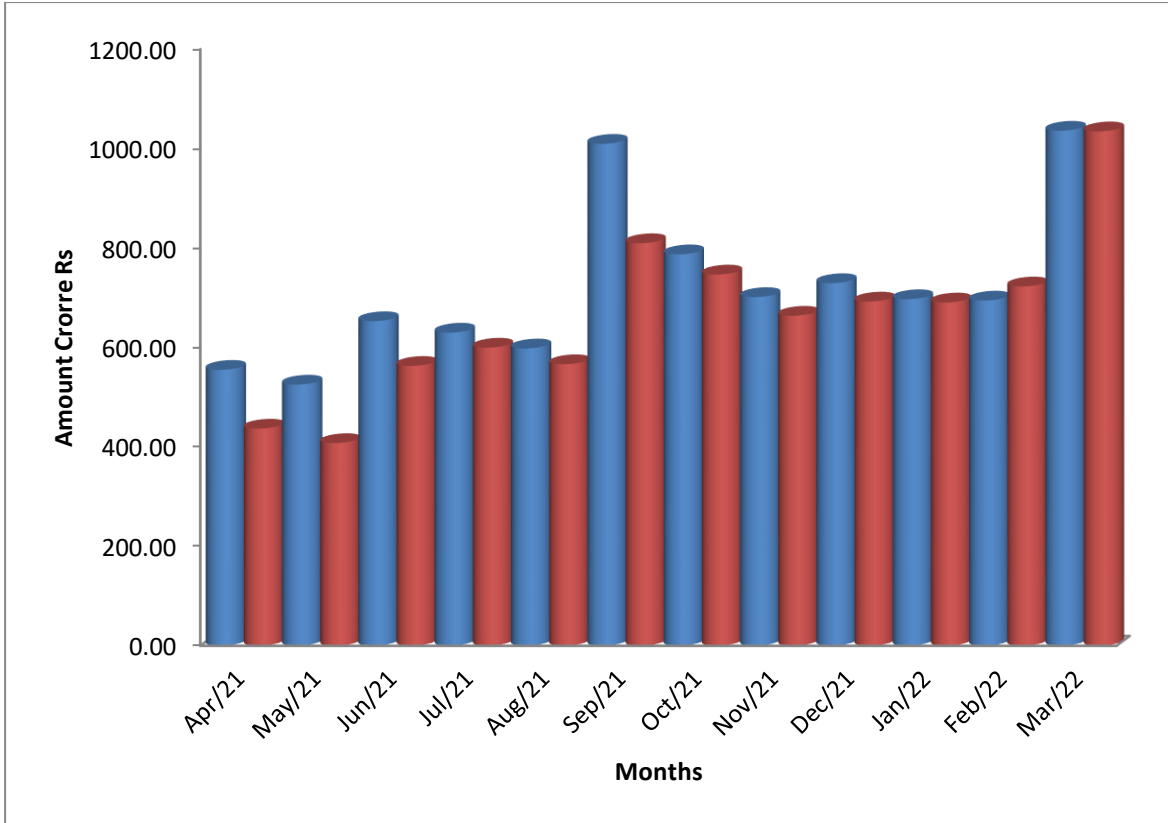
➤ **Month Wise Data Revenue & Energy Data**

The Month wise data of Billed units, Collected Amount & Billed Amount is provided by Discom data provided is given in the following table:

Months	Net Input Energy at Discom	Amount Billed	Collected Amounts	Units Billed
Apr-21	1269.80	556.21	438.22	718.58
May-21	1197.89	526.56	409.17	775.72

Months	Net Input Energy at Discom	Amount Billed	Collected Amounts	Units Billed
Jun-21	1409.13	653.90	564.12	887.96
Jul-21	1585.01	630.90	600.75	900.15
Aug-21	1585.27	599.15	567.53	872.36
Sep-21	1529.79	1009.92	810.45	1350.09
Oct-21	1299.86	788.09	747.57	1125.26
Nov-21	880.57	702.32	664.83	1087.26
Dec-21	887.86	730.29	693.37	1009.14
Jan-22	1016.67	698.08	691.42	950.41
Feb-22	835.04	695.30	723.62	956.65
Mar-22	1182.20	1036.27	1034.98	1359.76
Total	14679.09	8627.00	7946.04	11993.33





➤ **Voltage wise Energy Parameter**

The NBPDC, Patna DISCOM having EHV, HV& LV voltage levels, voltage wise feeder name, energy parameter, import energy, metered, unmetered connections of NBPDC discom as per the data provided is given in the following table:

➤ **33 kV Voltage feeder name & Energy Parameters**

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
Chapra	33	33 KV RAJENDRA SAROVAR	Metered	Functional	XC544247	22.44
Chapra	33	33 KV CHAPRA	Metered	Functional	XC544311	71.71
Chapra	33	33 KV PRABHUNATH NAGAR	Metered	Functional	ABB01937	20.55
Chapra	33	33 KV GARKHA	Metered	Functional	XC554309	33.45
Chapra	33	33 KV RIVILGANJ	Metered	Functional	XC544244	31.50
Chapra	33	33 KV CIRCLE FEEDER	Metered	Functional	BEB53591	49.15
Chapra	33	33 KV BUS-COUPLER	Metered	Functional	XC544265	16.48
Chapra	33	33KV SIWAN-1 (BAY-313)	Metered	Functional	Q0200955	40.35
Chapra	33	33KV SIWAN-2 (BAY-308)	Metered	Functional	Q0238426	54.88
Chapra	33	33KV SRINAGAR/BHADA	Metered	Functional	Q0200918	44.70
Chapra	33	33KV MAHARAJGANJ (BAY-312)	Metered	Functional	Q0200422	32.24
Chapra	33	33 KV MAIRWA (NEW)(BAY-303)	Metered	Functional	Q0201581	60.64
Chapra	33	33KV PACHRUKHI (BAY-311)	Metered	Functional	Q0201173	55.47
Chapra	33	33KV BARHARIA	Metered	Functional	Q0201550	49.55
Chapra	33	33KV BUSCOUPLER (BAY-307)	Metered	Functional	Q0200922	54.98
Chapra	33	33KV SPARE-3 (BAY-304)	Metered	Functional	Q0201604	15.22
Chapra	33	33 KV BINDUSAAR	Metered	Functional	NA 24	19.80
Chapra	33	33 KV RAMNAGAR	Metered	Functional	NA26	7.85
Chapra	33	33 KV BARAULI	Metered	Functional	KAU06219	72.84
Chapra	33	33 KV PANCHDEORY	Metered	Functional	KAU06218	53.35
Chapra	33	33 KV ARAR	Metered	Functional	300503260	40.64

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
					1-610-H11	
Chapra	33	33 KV ARAR	Metered	Functional	a2	0.00
Chapra	33	33 KV KUCHAIKOTE	Metered	Functional	BEB53492	65.80
Chapra	33	33 KV THAWE	Metered	Functional	BEB53491	72.94
Chapra	33	33 KV HAJIAPUR	Metered	Functional	KU0007A	56.38
Chapra	33	33KV JHAJHWA	Metered	Functional	300503260 1-610-H12	41.81
Chapra	33	33 KV MANJHA FEEDER	Metered	Functional	BEB53490	27.77
Chapra	33	33 KV SHEETALPUR	Metered	Functional	X0460133	16.15
Chapra	33	33 kv Parsa	Metered	Functional	0	0.00
Chapra	33	33 KV PARSA	Metered	Functional	Q0238507	27.99
Chapra	33	33 kv Dariyapur	Metered	Functional	0	0.00
Chapra	33	33 KV DARIYAPUR	Metered	Functional	Q0200913	34.86
Chapra	33	33 KV Dighwara	Metered	Functional	X0466568	40.90
Chapra	33	33 kv Aaquilpur	Metered	Functional	0	0.00
Chapra	33	33 KV AAQUILPUR	Metered	Functional	X0460131	10.12
Chapra	33	33 KV DORIGANJ	Metered	Functional	X0466563	28.55
Chapra	33	33KV SONPUR	Metered	Functional	X0460139	4.98
Chapra	33	33 KV Nayagaon	Metered	Functional	Q0238504	17.50
Chapra	33	33 KV JAITYA	Metered	Functional	Q0201096	1.84
Chapra	33	33KV MASRAKH FEEDER	Metered	Functional	Q0200899	63.98
Chapra	33	33KV TARAYIA FEEDER	Metered	Functional	Q0200829	9.26
Chapra	33	33KV USRI BAZAR	Metered	Functional	Q0200900	31.81
Chapra	33	33KV BANIAPUR	Metered	Functional	Q0200967	52.69
Chapra	33	33KV Gamhari	Metered	Functional	Z0444510	13.18
Chapra	33	33 KV Bus Coupler	Metered	Functional	Q0238390	0.00
Chapra	33	33 KV EKMA FEEDER	Metered	Functional	UPB55349	115.52
Chapra	33	33 KV LAHLADPUR	Metered	Functional	X0873826	13.62
Chapra	33	33KV PATTICHAKKARGO PI	Metered	Functional	XC599579	17.03
Chapra	33	33 KV Hathua	Metered	Functional	19003390	39.42
Chapra	33	33KV BHOOREY	Metered	Functional	XC599578	81.54
Chapra	33	33KV PHULWARIA	Metered	Functional	Y0362225	31.29
Chapra	33	33kv SAKHEKHAS	Metered	Functional	19003352	22.10

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
Chapra	33	33 KV CHAILWA	Metered	Functional	XC599586	5.03
Chapra	33	33 KV BASANTPUR	Metered	Functional	XD532762	54.48
Chapra	33	33 KV LAKARIBIGANJ	Metered	Functional	XC580052	86.88
Chapra	33	33 kv Bagwanpurhat	Metered	Functional	0	0.40
Chapra	33	33KV SARAI PAROULI	Metered	Functional	XC580053	12.54
Chapra	33	33KV BUS COUPLER	Metered	Functional	Y0362227	0.00
Chapra	33	33 KV AMNOUR	Metered	Functional	XB426788	55.26
Chapra	33	33 KV MARHAURA	Metered	Functional	XB426782	68.40
Chapra	33	0	Metered	Functional	0	1.59
Chapra	33	33 KV BHELDI FEEDER	Metered	Functional	XB426785	40.09
Chapra	33	33KV NAGRA	Metered	Functional	XB426780	64.85
Chapra	33	33KV MAKER	Metered	Functional	XB426789	0.06
Chapra	33	0	Metered	Functional	0	3.55
Chapra	33	33 kv Pojhi	Metered	Functional	XB426781	9.84
Chapra	33	33 KV MIRPUR	Metered	Functional	BEB54444	66.93
Chapra	33	33 KV RAGHUNATHPUR	Metered	Functional	BEB54445	73.89
Chapra	33	33 KV DARAULI	Metered	Functional	BEB54440	41.54
Chapra	33	33 KV Titra	Metered	Functional	BEB54439	6.63
Chapra	33	33 KV BADKAMANJHA	Metered	Functional	BEB54446	13.93
Chapra	33	33KV CHAINPUR	Metered	Functional	BEB54438	0.00
Darbhanga	33	33 KVPANDASARAI	Metered	Functional	40000520	53.83
Darbhanga	33	33 KV ANAR	Metered	Functional	40000516	38.82
Darbhanga	33	33 KV DONAR	Metered	Functional	40000501	24.77
Darbhanga	33	33 KV BAHERI	Metered	Functional	ABB01940	13.92
Darbhanga	33	33 KV FEKLA	Metered	Functional	ABB02115	23.34
Darbhanga	33	33KV NEW ANAR	Metered	Functional	ABB01938	41.25
Darbhanga	33	33 KV BUSCUPLER	Metered	Functional	40000523	30.95
Darbhanga	33	33KV ATHAR LINE	Metered	Functional	40000506	21.37
Darbhanga	33	33KV JHANJHARPUR	Metered	Functional	Q0200684	26.88
Darbhanga	33	33 kv Benipur (Powerfeedtojhanjharpur)	Metered	Functional	0	0.00
Darbhanga	33	33KV BABOO BARHI	Metered	Functional	Q0201421	44.46
Darbhanga	33	33KV RAIYAM	Metered	Functional	Q0200403	32.42

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
Darbhanga	33	33KV B/C	Metered	Functional	Q0200816	1.86
Darbhanga	33	33KV MANIGACHI	Metered	Functional	Q0238404	19.82
Darbhanga	33	33KV PANDAUL	Metered	Functional	Q0201141	40.77
Darbhanga	33	33KV SAKRI	Metered	Functional	Q0201995	3.37
Darbhanga	33	33KV HARIPUR	Metered	Functional	Q0201435	12.23
Darbhanga	33	33 KV Nahar	Metered	Functional	Q0201387	16.64
Darbhanga	33	33KV MADHUBANI FEEDER	Metered	Functional	Q0201140	56.98
Darbhanga	33	33KV BENIPATTI FEEDER (CHAKDAH)	Metered	Functional	Q0201451	24.38
Darbhanga	33	33KV BISFI FEEDER	Metered	Functional	Q0201364	21.47
Darbhanga	33	33KV LOHA FEEDER	Metered	Functional	X0465609	30.28
Darbhanga	33	33 KV RAHIKA	Metered	Functional	X0465599	26.77
Darbhanga	33	33 KV KARAIYA	Metered	Functional	X0465613	3.19
Darbhanga	33	33 KV SIMRI	Metered	Functional	X0465598	21.39
Darbhanga	33	33 KV JAYANAGAR FEEDER	Metered	Functional	Q0201398	61.53
Darbhanga	33	33 KV KALUAHI FEEDER	Metered	Functional	Q0201362	2.62
Darbhanga	33	33 KV BASOPATI FEEDER	Metered	Functional	Q0201105	46.55
Darbhanga	33	33KV JAYNAGAR IPDS FEEDER	Metered	Functional	X0465600	30.53
Darbhanga	33	33 KV KUWAD & KHAJAULI	Metered	Functional	ELITE 440_L	6.79
Darbhanga	33	33 kv Nepal(Shirna)Feeder	Metered	Functional	0	0.89
Darbhanga	33	33KV PHULPARAS BAY	Metered	Functional	Q0201068	13.16
Darbhanga	33	33KV KHUTAU BAY	Metered	Functional	Q0200831	11.81
Darbhanga	33	33KV ANDHRATHADI BAY	Metered	Functional	Q0201476	12.40
Darbhanga	33	33KV GHOGHARDIHA BAY	Metered	Functional	Q0202040	13.72
Darbhanga	33	33KV TULAPATGANJ FEEDER	Metered	Functional	X0465129	39.13
Darbhanga	33	33KV SANGI FEEDER	Metered	Functional	X0465128	10.62

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
Darbhanga	33	33 KV BIRAUL LINE	Metered	Functional	Q0200480	71.08
Darbhanga	33	33 KV K.STHAN (SOHARWAGHAT)	Metered	Functional	Q0201897	16.96
Darbhanga	33	33 KV BHELAKHI LINE	Metered	Functional	Q0201288	14.45
Darbhanga	33	33 KV LINE KIRATPUR & K.STHANPURBI	Metered	Functional	Q0201528	16.89
Darbhanga	33	33 KV PATANIYA	Metered	Functional	ELITE 440_M	0.78
Darbhanga	33	33KV GANGWARA FEEDER	Metered	Functional	XB545438	75.53
Darbhanga	33	33KV DMCH FEEDER	Metered	Functional	XB545439	36.59
Darbhanga	33	33KV BELA FEEDER	Metered	Functional	XB560210	66.03
Darbhanga	33	33KV BENIPUR	Metered	Functional	XB560216	37.38
Darbhanga	33	33KV SAKARI	Metered	Functional	XB545437	47.46
Darbhanga	33	33 KV NEW DMCH FEEDER	Metered	Functional	H0465134	41.43
Darbhanga	33	33 KV PASHUPALAN FEEDER	Metered	Functional	H0465130	16.61
Darbhanga	33	33 KV AHILYASTHAN	Metered	Functional	15199705	45.42
Darbhanga	33	33 KV BNIPATTI	Metered	Functional	15199829	64.50
Darbhanga	33	33KV MURAITHA FEEDER	Metered	Functional	15624788	45.87
Darbhanga	33	33 KV BISFI	Metered	Functional	15199752	1.75
Darbhanga	33	33KV MADHEPUR FEEDER	Metered	Functional	XD532768	37.23
Darbhanga	33	33KV BHITH BHAGWANPUR FEEDER	Metered	Functional	XD532765	14.06
Darbhanga	33	33KV JHANJHARPUR FEEDER (NEAR JAIL)	Metered	Functional	XD532763	14.92
Darbhanga	33	33 KV MANJHARI	Metered	Functional	XC581525	4.27
Darbhanga	33	33 KV JARAULI	Metered	Functional	XC581527	15.95
Darbhanga	33	33 KV DAGMARA	Metered	Functional	XC581524	5.78
Darbhanga	33	33 KV LAUKAHI	Metered	Functional	XC581526	33.07
Darbhanga	33	33KV DHUNKI	Metered	Functional	XC581529	57.32
Darbhanga	33	33 KV ALINAGAR	Metered	Functional	Y0327336	23.34
Darbhanga	33	33KV MAUBEHAT	Metered	Functional	Y0327338	13.43

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
Darbhanga	33	33 KV THENGHA	Metered	Functional	Y0327337	4.58
Darbhanga	33	33 kv B/C(Export)	Metered	Functional	0	2.18
Darbhanga	33	33 KV Ghanshyampur	Metered	Functional	Y0327335	17.08
Darbhanga	33	33 kv B/C(Import)	Metered	Functional	0	0.00
Motihari	33	33 KV MOTIHARI	Metered	Functional	Q0201115	60.42
Motihari	33	33 KV BELISARAI	Metered	Functional	Q0200863	44.45
Motihari	33	33 KV MADHOPUR	Metered	Functional	Q0201289	64.13
Motihari	33	33 KV ARERAJ(TURKOLIA)	Metered	Functional	Q0200936	14.42
Motihari	33	33KV BUSCOUPLER	Metered	Functional	Q0201547	21.09
Motihari	33	33 KV BANJARIYA	Metered	Functional	Q0200942	20.48
Motihari	33	33KV CHHATAUNI	Metered	Functional	Q0200471	58.60
Motihari	33	33KV KOTWA	Metered	Functional	Q0201846	15.84
Motihari	33	33 KV PIPRAKOTHI	Metered	Functional	Q0200937	66.62
Motihari	33	33KV JAMLA	Metered	Functional	Q0201551	17.63
Motihari	33	33 KV DHEKHA	Metered	Functional	Q0200971	4.63
Motihari	33	33 KV GAUNAHA	Metered	Functional	Q0201464	6.88
Motihari	33	33 KV CHAUTARVA	Metered	Functional	Q0201416	0.50
Motihari	33	33 kv Chauterwa(Export)	Metered	Functional	0	2.36
Motihari	33	33 kv Chauterwa(Import) (Sometimes 33Kv bagaha charged from chauterwapssps)	Metered	Functional	0	0.00
Motihari	33	33 KV NARKATIAGANJ	Metered	Functional	Q0200802	75.46
Motihari	33	33 KV RAMNAGAR	Metered	Functional	Q0201431	47.99
Motihari	33	33 kv Bagha(Export)	Metered	Functional	#N/A	16.19
Motihari	33	33 kv Bagha(Import)	Metered	Functional	#N/A	0.76
Motihari	33	33 KV LAURIA	Metered	Functional	Q0201394	17.37
Motihari	33	33 KV BUS COUPLER	Metered	Functional	Q0201363	55.34
Motihari	33	33 kv Buscoupler (Fedto33Kvbagaha) Import	Metered	Functional	0	0.00
Motihari	33	33 KV MUJRA FEEDER	Metered	Functional	ELITE 440_B	14.97
Motihari	33	33 KV BAKAWA	Metered	Functional	ELITE	11.00

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
		FEEDER			440_D	
Motihari	33	33 KV BELSANDI FEEDER	Metered	Functional	ELITE 440_C	15.60
Motihari	33	33 KV Musharawa Feeder	Metered	Functional	R2	7.75
Motihari	33	33 KV Kumhiya feeder	Metered	Functional	R1	2.41
Motihari	33	33 KV Siswa Bhumihar Feeder	Metered	Functional	R3	13.88
Motihari	33	33KV BETTIAH	Metered	Functional	Q0201931	88.75
Motihari	33	33KV SAIL NO-02	Metered	Functional	Q0201267	0.26
Motihari	33	33KV SAIL NO -01	Metered	Functional	Q0201133	37.05
Motihari	33	33KV CHANPATIYA	Metered	Functional	Q0200482	0.08
Motihari	33	3KV CHANPATIYA NEW	Metered	Functional	ELITE 440_A	24.78
Motihari	33	33KV BAIRIYA	Metered	Functional	Q0201926	30.33
Motihari	33	33KV NAURANGABAD	Metered	Functional	Q0201442	37.95
Motihari	33	33KV YOGAPATTI	Metered	Functional	Q0200823	30.23
Motihari	33	33KV NAUTAN	Metered	Functional	Q0201892	32.02
Motihari	33	33KV SPARE BAY - 01	Metered	Functional	Q0201073	13.26
Motihari	33	33 kv Spare-I(Fedtoyogapatti)	Metered	Functional	0	0.00
Motihari	33	33 KV DHOKRAHA	Metered	Functional	Q0200662	24.81
Motihari	33	33KV MANUAPUL	Metered	Functional	NA23	21.44
Motihari	33	33KV DHAKA	Metered	Functional	Q0201487	15.75
Motihari	33	33KV GHORASAHAN	Metered	Functional	Q0201948	35.51
Motihari	33	33KV PATAHI	Metered	Functional	Q0201644	28.11
Motihari	33	33 KV BUS COUPLER	Metered	Functional	Q0201494	33.25
Motihari	33	33KV CHIRAIYA	Metered	Functional	Q0200702	42.32
Motihari	33	33KV BAIRGANIA	Metered	Functional	Q0201468	20.65
Motihari	33	33KV KARMAWA	Metered	Functional	X0444520	23.95
Motihari	33	33KV MATHIYABHOPAT	Metered	Functional	X0460166	24.84
Motihari	33	33KV BANKATWA	Metered	Functional	X0444534	35.55
Motihari	33	33KV RAXAUL	Metered	Functional	Q0201053	116.08
Motihari	33	33 KV RAMGARHWA	Metered	Functional	Q0200927	70.87
Motihari	33	33KV PALANAWA	Metered	Functional	Q0200896	14.05
Motihari	33	33 KV AMODEI	Metered	Functional	Q0201117	18.47

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
		FEEDER				
Motihari	33	33 KV MAINATAND	Metered	Functional	XC599583	46.08
Motihari	33	33 KV JAMUNIA	Metered	Functional	XC599587	14.20
Motihari	33	33KV SARGHATIYA FEEDER	Metered	Functional	XC599581	10.68
Motihari	33	33 KV RAMPUR MISSION	Metered	Functional	XC599588	13.41
Motihari	33	33 KV BUSCOUPLER	Metered	Functional	Y0362223	0.00
Motihari	33	33KV LINE (PAHARPUR)	Metered	Functional	XC599582	42.21
Motihari	33	33KV LINE(ARERAJ)	Metered	Functional	XC599577	45.80
Motihari	33	33 KV INDRAGACHHI	Metered	Functional	XC599584	30.63
Motihari	33	33KV NAWADA	Metered	Functional	XC599585	10.39
Motihari	33	33 kv Buscoupler (Fedto33Kvindiragachi)	Metered	Functional	0	29.12
Motihari	33	33 KV Chakia	Metered	Functional	XD532761	84.52
Motihari	33	33KV TETARIYA	Metered	Functional	XD532767	37.31
Motihari	33	33 KV MEHSI	Metered	Functional	XD532764	35.68
Motihari	33	33 KV NARAHA	Metered	Functional	XC580054	5.48
Motihari	33	33 KV KUCHAIKOTE	Metered	Functional	Q0201111	-2.62
Motihari	33	33 KV THAKRAHAN	Metered	Functional	Q0200892	3.37
Motihari	33	33 KV MADHUBANI	Metered	Functional	Q0201049	7.21
Motihari	33	33 KV BHITAHAN	Metered	Functional	Q0201577	8.81
Motihari	33	33KV PAKRIDAYAL FEEDER	Metered	Functional	Y0434543	27.32
Motihari	33	33kv Phenhara	Metered	Functional	Y0434544	7.74
Begusarai	33	33KV BEGUSARAI CKT-1	Metered	Functional	ABB02668	53.28
Begusarai	33	33KV BEGUSARAI CKT-2	Metered	Functional	ABB02666	42.13
Begusarai	33	33 KV DEONA	Metered	Functional	ABB02663	33.29
Begusarai	33	33 KV BAGARAHADIH	Metered	Functional	ABB02664	41.32
Begusarai	33	33KV TEGHARA-BACHAWADA	Metered	Functional	ABB02669	28.66
Begusarai	33	33 KV BIRPUR-BHAGAVANPUR	Metered	Functional	ABB02665	19.60
Begusarai	33	33 KV TBC	Metered	Functional	ABB02669-TT	-

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
Begusarai	33	33 KV ZEROMILE	Metered	Functional	ABB02667	43.99
Begusarai	33	33KV BHAGWANPUR	Metered	Functional	ABB02662	48.61
Begusarai	33	33 kv BANWARIPUR	Metered	Functional		1.24
Begusarai	33	33 KV NEW BAGRAHADIH	Metered	Functional	ELITE 440_03	7.28
Begusarai	33	33 KV BABHANGAMA	Metered	Functional	ELITE 440_01	16.12
Begusarai	33	33 kv Railwayyard(Ohl-5) (400517554)	Metered	Functional	0	5.29
Begusarai	33	33 kv loc(Ohl-7) Meternobeb11800 (400161506)	Metered	Functional	0	0.53
Begusarai	33	33 kv loc(Ohl-7)Meternonbp00583	Metered	Functional	0	0.23
Begusarai	33	33 kv Ohl-3(Colony+Simariaghat)	Metered	Functional	0	0.00
Begusarai	33	33 kv Cgm Ntpc Ohl-8(400517560)	Metered	Functional	0	2.14
Begusarai	33	33 kv Begusarai(Ohl-10)&Barauni	Metered	Functional	0	0.00
Begusarai	33	33KV BALLIA CKT 1 FEEDER	Metered	Functional	15199841	49.51
Begusarai	33	33KV BALLIA CKT 2 (MATIHANI) FEEDER	Metered	Functional	15624792	71.32
Begusarai	33	33KV CHAUKI (SAHEBPURKAMAL)	Metered	Functional	15199906	20.25
Begusarai	33	33KV DANDARI FEEDER	Metered	Functional	15199844	12.98
Begusarai	33	33 kv Buscoupler	Metered	Functional	0	6.00
Begusarai	33	33KV NAVKOTHI FEEDER	Metered	Functional	15199853	12.45
Begusarai	33	33KV MANJHAUL FEEDER	Metered	Functional	15199886	56.08
Begusarai	33	33KV GODHPURA FEEDER	Metered	Functional	15617689	29.61
Begusarai	33	33KV BEGUSARAI CIRCUIT HOUSE	Metered	Functional	15617680	59.21
Begusarai	33	33KV CHAMTHA	Metered	Functional	XC579894	7.13
Begusarai	33	33kv Vidyapati Nagar	Metered	Functional	XC579888	14.91

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
Begusarai	33	33 KV New Bachhawara	Metered	Functional	XC579893	40.36
Begusarai	33	33KV BAKHRI	Metered	Functional	Y0327328	10.50
Begusarai	33	33KV OLAPUR	Metered	Functional	Y0327339	21.49
Begusarai	33	33 KV CHAKHA MID	Metered	Functional	Y0327329	3.68
Begusarai	33	33KV BUS COUPLER	Metered	Functional	Y0327326	-
Begusarai	33	33KV KHAGARIA(NEW)	Metered	Functional	Q0201198	56.66
Begusarai	33	33KV BACHAUTA NEW	Metered	Functional	Q0201559	71.38
Begusarai	33	33KV MANSI (NEW)	Metered	Functional	Q0201142	49.64
Begusarai	33	33KV MAHESHKHUNT	Metered	Functional	Q0201121	32.26
Begusarai	33	33KV KHAGARIA(OLD)	Metered	Functional	Q0201051	0.00
Begusarai	33	33 kv Bachauta(Old)	Metered	Functional	0	0.00
Begusarai	33	33kv Paikant	Metered	Functional	XF465065	6.67
Begusarai	33	33kv Bharatkhand	Metered	Functional	XF465063	36.03
Begusarai	33	33 KV MAHESHKHUT	Metered	Functional	XF465062	2.89
Begusarai	33	33 KV JHANJHARA	Metered	Functional	XF465060	34.01
Saharsa	33	33 KV SAHARSA	Metered	Functional	Q0238440	27.38
Saharsa	33	33KV SAHARSA NEW	Metered	Functional	XC521038	44.80
Saharsa	33	33 KV NAYA BAZAR	Metered	Functional	Q0201607	32.11
Saharsa	33	33 KV SATTARKATAIYA	Metered	Functional	Q0238439	40.16
Saharsa	33	33 KV BALWAHAT	Metered	Functional	Q0201499	20.27
Saharsa	33	33KV PATUAWHA FEEDER	Metered	Functional	Q0238494	8.51
Saharsa	33	33 kv B/C (Balwahat)	Metered	Functional	0	0.00
Saharsa	33	33 KV BUS COUPLER	Metered	Functional	Q0201062	17.05
Saharsa	33	33 KV DUDHEILA	Metered	Functional	Q0202052	28.01
Saharsa	33	33 KV BANGAON	Metered	Functional	Q0238378	0.00
Saharsa	33	33KV RAGHOPUR	Metered	Functional	SIE55673	0.21
Saharsa	33	33KV BIRPUR	Metered	Functional	KAB06246	78.94
Saharsa	33	33 KV BUS COUPLER (Power feed to 33 KV Birpur)	Metered	Functional	0	0.12

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
Saharsa	33	33KV JAGHDISHPUR	Metered	Functional	SIE55674	19.05
Saharsa	33	33 KV RAJVIRAJ	Metered	Functional	0	4.87
Saharsa	33	33 KV BIRPUR NEW	Metered	Functional	XD578231	0.00
Saharsa	33	33 KV SUPAUL	Metered	Functional	HT3110051	24.33
Saharsa	33	33 KV PIPRA	Metered	Functional	Y0330391	61.50
Saharsa	33	33KV HARDI	Metered	Functional	KAB02448	17.53
Saharsa	33	33KV ENGINEERING COLLEGE	Metered	Functional	Y0330390	29.72
Saharsa	33	33 KV Parsarma	Metered	Functional	Y0342954	22.76
Saharsa	33	33 KV KISHANPUR	Metered	Functional	Y0342977	28.07
Saharsa	33	33KV UDAKISHUNGANJ	Metered	Functional	KAB02441	71.72
Saharsa	33	33KV GWALPARA/CHAUSA	Metered	Functional	KAB02431	38.26
Saharsa	33	33 KV Gwalpara feeder	Metered	Functional	ELITE_440_E	18.09
Saharsa	33	33 KV ALAMNAGAR	Metered	Functional	H02	45.01
Saharsa	33	33 KV Shahjadpur	Metered	Functional	ELITE_440_E	4.35
Saharsa	33	33 KV Chausa New	Metered	Functional	NA U1	0.00
Saharsa	33	33 KV SINGHESHWAR	Metered	Functional	Q0202006	48.78
Saharsa	33	33 KV GAMHARIA	Metered	Functional	Q0202046	30.03
Saharsa	33	33 KV MADHEPURA NEW	Metered	Functional	Q0201787	43.68
Saharsa	33	33 KV MADHEPURA OLD	Metered	Functional	Q0201788	47.52
Saharsa	33	33KV MANIKPUR FEEDER	Metered	Functional	300504028 0-1110-H06	37.10
Saharsa	33	33KV Medical college	Metered	Functional	ELITE_440_M1	3.98
Saharsa	33	33KV Sonbarsa	Metered	Functional	0	40.06
Saharsa	33	33KV SAURBAZAR	Metered	Functional	Q0201083	39.08
Saharsa	33	33KV ROUTAKHEM	Metered	Functional	Q0201472	12.06
Saharsa	33	33KV BIRATPUR	Metered	Functional	Q0202019	0.00
Saharsa	33	33KV MARAUNA	Metered	Functional	15199942	22.12
Saharsa	33	33KV FEEDER-1(SPARE BAY)	Metered	Functional	15199953	9.87
Saharsa	33	33 KV BUS COUPLER	Metered	Functional	0	0.00

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
Saharsa	33	33KV CHHATAPUR	Metered	Functional	15199960	39.19
Saharsa	33	33KV SPARE BAY 3	Metered	Functional	15624773	21.76
Saharsa	33	33KV BANMA ITAHRI	Metered	Functional	XC579890	14.32
Saharsa	33	33KV SALKHUA	Metered	Functional	XC579884	13.52
Saharsa	33	33 KV SIMRI BAKHTIYARPUR PSS	Metered	Functional	XC579891	27.09
Saharsa	33	33 KV MAURA KOPA	Metered	Functional	XC579889	6.35
Saharsa	33	33 KV FEEDER NO. 07 (RAGHOPUR)	Metered	Functional	18053610	44.29
Saharsa	33	33 KV FEEDER NO. 06 (LALGANJ)	Metered	Functional	18053609	30.29
Saharsa	33	33 kV CHAMPANAGAR	Metered	Functional	18053603	14.38
Kishanganj	33	33 KV FORBESGANJ 1	Metered	Functional	KAB02398	0.04
Kishanganj	33	33 KV FORBESGANJ 2	Metered	Functional	KAB02427	85.32
Kishanganj	33	33 KV ARARIA	Metered	Functional	XC521037	17.44
Kishanganj	33	33 KV RPATGANJ	Metered	Functional	HT3110169	27.79
Kishanganj	33	33 KV RANIGANJ 1	Metered	Functional	XC521036	0.00
Kishanganj	33	33 KV RANIGANJ 2	Metered	Functional	HT3110047	51.75
Kishanganj	33	33 KV GOLCHHA	Metered	Functional	WBE06276	5.47
Kishanganj	33	33 KV PALASSI	Metered	Functional	GJU04014	36.22
Kishanganj	33	33 KV DHOLBAJJA	Metered	Functional	ELITE 440_K	14.92
Kishanganj	33	33 KV RAMAI	Metered	Functional	ELITE 440_J	1.14
Kishanganj	33	33 KV JOGHANI	Metered	Functional	ELITE 440_04	12.85
Kishanganj	33	33KV PASCHIMPALLI	Metered	Functional	16197700	32.73
Kishanganj	33	33KV THAKURGANJ	Metered	Functional	KAB06222	62.27
Kishanganj	33	33KV PURABPALLI	Metered	Functional	16197727	14.51
Kishanganj	33	33KV POTHIA	Metered	Functional	16197772	4.27
Kishanganj	33	33KV BAHADURGANJ	Metered	Functional	16197668	39.76
Kishanganj	33	33KV AGRICULTURE	Metered	Functional	16197631	12.38
Kishanganj	33	33KV BELWA	Metered	Functional	BEB53759	12.67
Kishanganj	33	33KV BUS COUPLER	Metered	Functional	16197768	8.78

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
Kishanganj	33	33KV BASANIPUR	Metered	Functional	BEB53762	7.92
Kishanganj	33	33KV FARINGOLA	Metered	Functional	BEB53756	15.68
Kishanganj	33	33KV MADHO LINE	Metered	Functional	XC544588	9.11
Kishanganj	33	33KV SARAI LINE	Metered	Functional	XC544592	36.20
Kishanganj	33	33KV Altabari	Metered	Functional	XC544587	25.84
Kishanganj	33	33KV bahadurganj	Metered	Functional	XC544590	19.81
Kishanganj	33	33 KV ARARIA FEEDER	Metered	Functional	XC573051	49.84
Kishanganj	33	33 KV LINE BAY 6(ARS FEEDER)	Metered	Functional	XC573036	7.85
Kishanganj	33	33 KV BUS COUPLER BAY	Metered	Functional	XC573058	9.89
Kishanganj	33	33 KV LINE BAY 3(JOKIHAT FEEDER)	Metered	Functional	XC573048	62.63
Kishanganj	33	33 KV LINE BAY 2	Metered	Functional	XC573045	52.49
Kishanganj	33	33 KV LINE BAY 4	Metered	Functional	XC573049	39.15
Samastipur	33	33 KV JITWARPUR	Metered	Functional	Q0201519	32.21
Samastipur	33	33 KV MAHANAR	Metered	Functional	Q0200868	6.16
Samastipur	33	33 KV PUSA	Metered	Functional	Q0201509	55.85
Samastipur	33	33 KV MOHANPUR	Metered	Functional	Q0200751	47.33
Samastipur	33	33 KV SIRSIYA	Metered	Functional	Q0201042	47.04
Samastipur	33	33 KV R.J.M.	Metered	Functional	Q0201004	0.00
Samastipur	33	33 KV RAILWAY	Metered	Functional	180450969 5	9.93
Samastipur	33	33 KV KALYANPUR	Metered	Functional	Q0201562	50.17
Samastipur	33	33 KV B/C	Metered	Functional	Q0201040	2.85
Samastipur	33	33KV OLD KALYANPUR	Metered	Functional	Q0200950	0.00
Samastipur	33	33 KV MATHURAPUR	Metered	Functional	180250969 7	26.22
Samastipur	33	33KV KARPURIGRAM	Metered	Functional	Q0201405	35.44
Samastipur	33	33 KV KHANPUR FEEDER	Metered	Functional	GF1802509 599	16.51
Samastipur	33	33 KV Laguniya	Metered	Functional	ELITE 440_F	41.09
Samastipur	33	33KV DALSINGHSARAI	Metered	Functional	Q0200881	78.19
Samastipur	33	33KV BIBHUTIPUR	Metered	Functional	Q0201564	60.26
Samastipur	33	33KV UJIYARPUR	Metered	Functional	Q0201278	13.60
Samastipur	33	33KV VIDYAPATI	Metered	Functional	Q0201235	0.91
Samastipur	33	33 KV Bus Coupler	Metered	Functional	Q0201009	0.00

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
Samastipur	33	33KV UJIARPUR FEEDER	Metered	Functional	XB577846	30.41
Samastipur	33	33KV NAJIRPUR	Metered	Functional	XB577845	12.06
Samastipur	33	33KV CHAITA	Metered	Functional	XB577848	12.03
Samastipur	33	33KV GANGAPUR	Metered	Functional	XB577836	56.31
Samastipur	33	33KV ROSERA FEEDER	Metered	Functional	Q0201091	61.39
Samastipur	33	33 KV Shivjinagar	Metered	Functional	Q0200999	15.50
Samastipur	33	33KV PHULHARA	Metered	Functional	Q0201280	48.20
Samastipur	33	33KV JAKHAR MAHE SINGHIA	Metered	Functional	Q0201168	21.12
Samastipur	33	33KV BISHANPUR BERI FEEDER	Metered	Functional	15624782	17.93
Samastipur	33	33KV MOHIUDDIN NAGAR FEEDER	Metered	Functional	15199675	36.95
Samastipur	33	33 KV Dhamoun	Metered	Functional	15617693	6.48
Samastipur	33	33 KV PATORI	Metered	Functional	15199748	21.27
Samastipur	33	33 KV SONPUR	Metered	Functional	Q0200475	58.49
Samastipur	33	33 KV KONHARA	Metered	Functional	Q0287923	86.64
Samastipur	33	33 KV BIDUPUR	Metered	Functional	Q0200841	77.70
Samastipur	33	33 KV PASWAN CHAWK	Metered	Functional	Q0200746	55.78
Samastipur	33	33 KV BUSCOUPLER 1	Metered	Functional	Q0200827	0.00
Samastipur	33	33 KV BUSCOUPLER 2	Metered	Functional	Q0201829	17.17
Samastipur	33	33 KV RAILWAY	Metered	Functional	Q0200521	6.48
Samastipur	33	33 KV RAJAPAKAR	Metered	Functional	Q0200723	21.35
Samastipur	33	33 kv Feederist220/132Kv gsshajipur	Metered	Functional	0	-0.14
Samastipur	33	33 KV OF 220 KV HAJIPUR1	Metered	Functional	Q0200402	0.14
Samastipur	33	33 kv Feederiist220/132Kv gsshajipur	Metered	Functional	0	-0.02
Samastipur	33	33 KV OF 220 KV HAJIPUR2	Metered	Functional	Q0200465	0.33
Samastipur	33	33 KV DIGHI	Metered	Functional	Q0287783	32.05
Samastipur	33	0	Metered	Functional	0	0.00
Samastipur	33	33 KV EPIP	Metered	Functional	Q0200462	82.96
Samastipur	33	33 KV SARAI	Metered	Functional	Q0200488	48.83
Samastipur	33	33 KV SPARE BAY	Metered	Functional	BEB53485	5.39

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
Samastipur	33	33KV LALGANJ FEEDER	Metered	Functional	Q0201389	69.58
Samastipur	33	33KV VAISHALI FEEDER-1	Metered	Functional	HT3110096	41.46
Samastipur	33	33KV VAISHALI FEEDER -2	Metered	Functional	BEB07803	0.00
Samastipur	33	0	Metered	Functional	0	0.00
Samastipur	33	33KV BAKHARA FEEDER	Metered	Functional	Q0202028	96.01
Samastipur	33	33KV BELSAR FEEDER	Metered	Functional	Q0201952	38.74
Samastipur	33	33KV BASARA FEEDER	Metered	Functional	Q0200844	45.95
Samastipur	33	33KV JANDAHA	Metered	Functional	Q0201306	34.07
Samastipur	33	33KV MAHUA	Metered	Functional	Q0201320	44.53
Samastipur	33	33KV MAHNAR	Metered	Functional	Q0201319	17.77
Samastipur	33	33KV PATEPUR	Metered	Functional	Q0201327	51.47
Samastipur	33	33 KV BHATHAHI	Metered	Functional	ELITE 440_I	13.29
Samastipur	33	33KV DESRI	Metered	Functional	ELITE 440_H	0.08
Samastipur	33	33KV PATORY	Metered	Functional	ELITE 440_G	17.68
Samastipur	33	33 kv Patory+Bhatahi+Desri	Metered	Functional	0	0.00
Samastipur	33	33 kv Patory+Bhatahi-li+Desri	Metered	Functional	0	0.00
Samastipur	33	33KV BUS COUPLER	Metered	Functional	Q0200494	-
Samastipur	33	33 KV PIROI	Metered	Functional	Q0201310	45.28
Samastipur	33	33 KV DHABAICH	Metered	Functional	Q0201893	11.95
Samastipur	33	33 kv Desri	Metered	Functional	0	0.00
Samastipur	33	33 kv Incomer3	Metered	Functional	0	11.82
Samastipur	33	33 KV Dih Bijrauli	Metered	Functional	CHK-GF1802509 685	3.13
Samastipur	33	33KV FEEDER-1(SAHADEI)	Metered	Functional	15199704	20.80
Samastipur	33	33KV FEEDER-2(DESARI)	Metered	Functional	15199679	18.49
Samastipur	33	33KV MAHNAR	Metered	Functional	15617710	22.57
Muzaffarpur	33	33 KV KANTI	Metered	Functional	Q0201989	50.44
Muzaffarpur	33	33 KV MARWAN	Metered	Functional	Q0201574	51.49

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
Muzaffarpur	33	33 kv Bhikhanpura	Metered	Functional	0	0.00
Muzaffarpur	33	33 KV BHIKHANPURA	Metered	Functional	Q0201480	84.17
Muzaffarpur	33	33 KV KHABRA	Metered	Functional	Q0201078	82.69
Muzaffarpur	33	33 KV BUS-COUPLER	Metered	Functional	Q0201056	21.57
Muzaffarpur	33	33 KV MARIPUR	Metered	Functional	Q0201067	32.88
Muzaffarpur	33	33 KV NAYATOLA	Metered	Functional	Q0201997	47.73
Muzaffarpur	33	33 KV IDPL	Metered	Functional	Q0201075	25.31
Muzaffarpur	33	33 KV DAIRY	Metered	Functional	Q0201719	0.03
Muzaffarpur	33	33 KV RAILWAY	Metered	Functional	Q0201065	2.45
Muzaffarpur	33	33 KV KURHANI	Metered	Functional	Q0201069	20.54
Muzaffarpur	33	33 KV DHOLI	Metered	Functional	Q0201095	43.92
Muzaffarpur	33	33 KV SITAMARHI	Metered	Functional	Q0201438	75.50
Muzaffarpur	33	33 KV BUS COUPLER	Metered	Functional	Q0200884	27.48
Muzaffarpur	33	33 KV PUPRI	Metered	Functional	Q0200453	80.40
Muzaffarpur	33	33KVSUPPI	Metered	Functional	Q0201616	28.41
Muzaffarpur	33	33 kv Suppi(Import)	Metered	Functional	0	0.63
Muzaffarpur	33	33KV MAJORGANJ	Metered	Functional	Q0201380	24.32
Muzaffarpur	33	33KV SONEBARSA	Metered	Functional	Q0201366	38.74
Muzaffarpur	33	33 KV BATHNAHA	Metered	Functional	Q0200507	42.08
Muzaffarpur	33	33KV NEW DUMRA	Metered	Functional	Y0356584	23.46
Muzaffarpur	33	33 KV MEHSAUL	Metered	Functional	Y0356570	29.65
Muzaffarpur	33	33KV RADAOUR	Metered	Functional	Q0287942	0.00
Muzaffarpur	33	33 KV PUNAURA	Metered	Functional	Y0356591	15.00
Muzaffarpur	33	33 KV SKMCH	Metered	Functional	Q0201043	119.68
Muzaffarpur	33	33 kv Crpffeeder(Newmeter)	Metered	Functional	0	0.00
Muzaffarpur	33	33 KV CRPF	Metered	Functional	Q0201058	55.41
Muzaffarpur	33	33 KV CHANDWARA	Metered	Functional	Q0200744	33.17
Muzaffarpur	33	33 KV MIT	Metered	Functional	ABB01853	65.75
Muzaffarpur	33	33 KV BOCHAHA (KATRA)	Metered	Functional	Q0200926	82.11
Muzaffarpur	33	33 KV SIKANDARPUR	Metered	Functional	Q0200566	37.43
Muzaffarpur	33	33 KV NANPUR	Metered	Functional	Q0201884	11.88
Muzaffarpur	33	33 KV RUNNISAIDPUR	Metered	Functional	Q0201866	85.97

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
Muzaffarpur	33	33 KV AURAI	Metered	Functional	Q0200826	15.61
Muzaffarpur	33	33KV BOKHARA	Metered	Functional	Q0201215	20.70
Muzaffarpur	33	33KV BELSAND FEEDER	Metered	Functional	15617691	29.10
Muzaffarpur	33	33 KV SUNDARGAMA	Metered	Functional	15199890	18.38
Muzaffarpur	33	33 KV SHEOHAR	Metered	Functional	15199784	58.34
Muzaffarpur	33	33 kv Sheohar	Metered	Functional	0	0.00
Muzaffarpur	33	33 KV TARIYANI	Metered	Functional	15199935	14.10
Muzaffarpur	33	33 KV PIPRAHI	Metered	Functional	15199761	35.19
Muzaffarpur	33	33 KV BUS-COUPLER	Metered	Functional	15199831	26.25
Muzaffarpur	33	33 KV SURSAND	Metered	Functional	15199694	50.27
Muzaffarpur	33	33 KV PARIHAR	Metered	Functional	15199793	36.15
Muzaffarpur	33	33 KV CHARAUT	Metered	Functional	15199703	11.29
Muzaffarpur	33	33 kv Jaleshwar(Nepal)	Metered	Functional	0	12.79
Muzaffarpur	33	33 kv Tbc	Metered	Functional	0	
Muzaffarpur	33	33KV FEEDER- 2 (MOTIPUR)	Metered	Functional	XC-573092	62.34
Muzaffarpur	33	33KV FEEDER-1 (SAHEBGANG)	Metered	Functional	XC-573091	70.40
Muzaffarpur	33	33KV BARURAJ	Metered	Functional	XC-573090	26.78
Muzaffarpur	33	33kv Sirsiya	Metered	Functional	XC-573087	13.39
Muzaffarpur	33	33 kv Tbc(Transferbuscoupler)	Metered	Functional	0	0.73
Muzaffarpur	33	33KV MARKAN	Metered	Functional	XC-599276	65.34
Muzaffarpur	33	33KV DHOLI/BANDRA	Metered	Functional	XC-573103	92.54
Muzaffarpur	33	33KV LINE 9	Metered	Functional	XC-599283	51.84
Muzaffarpur	33	33KV LINE 8	Metered	Functional	XC-599284	51.55
Muzaffarpur	33	33KV TBC	Metered	Functional	XC573150	5.80
Muzaffarpur	33	33KV LINE 3	Metered	Functional	XC-599275	17.87
Purnea	33	33KV MARANGA	Metered	Functional	SIE02497	49.86
Purnea	33	33 K GOASHI	Metered	Functional	16197707	16.03
Purnea	33	33KV DALKOLA	Metered	Functional	16197779	45.42
Purnea	33	33KV MADHUBANI	Metered	Functional	SIE02493	35.51
Purnea	33	33KV GROUP CONTROL (CITY)	Metered	Functional	16197733	44.92
Purnea	33	33KV ZEROMILE	Metered	Functional	16197773	41.50
Purnea	33	33KV SANAULI	Metered	Functional	16197723	37.42

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
Purnea	33	33KV B/C	Metered	Functional	XC573038	-
Purnea	33	33KV LINE BAZAAR	Metered	Functional	GJU04017	53.64
Purnea	33	33 KV CIRCUIT HOUSE	Metered	Functional	SIE02491	14.32
Purnea	33	33KV NEW JALALGARH	Metered	Functional	GJU04016	70.23
Purnea	33	33 KV BAIDA	Metered	Functional	16197746	38.64
Purnea	33	33KV BARMASIA	Metered	Functional	SIE55637	55.70
Purnea	33	33KV BINODPUR	Metered	Functional	XB569438	37.21
Purnea	33	33KV INDUSTRIAL	Metered	Functional	XB569291	42.67
Purnea	33	33KV RAILWAY	Metered	Functional	XB569424	11.42
Purnea	33	33KV B/C	Metered	Functional	XC573038	2.60
Purnea	33	33KV KORHA	Metered	Functional	XB569463	36.19
Purnea	33	33 KV KORHA-2	Metered	Functional	BEB53753	63.64
Purnea	33	33KV SPARE - 02	Metered	Functional	BEB53766	-
Purnea	33	33KV SPARE - 01	Metered	Functional	BEB53765	0.11
Purnea	33	33 KV DCR	Metered	Functional	SIE02508	16.02
Purnea	33	33 KV BANMANKHI	Metered	Functional	15199951	56.45
Purnea	33	33 KV JANKINAGAR	Metered	Functional	15199871	19.73
Purnea	33	33 KV CHAMPANAGAR	Metered	Functional	15199955	32.44
Purnea	33	33 kv BusCoupler	Metered	Functional	0	0.00
Purnea	33	33 KV LINE BAY3 (BARSOI FEEDER)	Metered	Functional	XC573071	53.20
Purnea	33	33 KV LINE BAY4(SANAULI FEEDER)	Metered	Functional	XC573068	78.49
Purnea	33	33 KV LINE BAY 2(AZAMNAGAR)	Metered	Functional	XV573073	37.14
Purnea	33	33 KV BUS COUPLER	Metered	Functional	XC573057	0.00
Purnea	33	33 KV NAWABGANJ FEEDER	Metered	Functional	15199948	33.20
Purnea	33	33 KV AHEMDABAD FEEDER	Metered	Functional	15199950	18.25
Purnea	33	33 KV Mansahi	Metered	Functional	15199952	32.27
Purnea	33	33 KV DALKOLA	Metered	Functional	XC 573050	7.52
Purnea	33	33 KV TELTA	Metered	Functional	XC 573053	34.36
Purnea	33	33 KV BAISI	Metered	Functional	XC 573044	39.35
Purnea	33	33KV	Metered	Functional	XC 573059	-

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
		BUSCOUPLER				
Purnea	33	33 KV MIRGANJ	Metered	Functional	XC573035	40.07
Purnea	33	33 KV MOGALIA PURANDAHA FEEDER	Metered	Functional	XC573037	8.61
Purnea	33	33 KV SARSI	Metered	Functional	XC573032	4.47
Purnea	33	33 KV SONDEEP	Metered	Functional	CHK- XC573055	53.09
Purnea	33	33KV B/C	Metered	Functional	XC573038	1.78
Motihari	33	33 KV Valmiki nagar	Metered	Functional	-	21.05
Begusarai	33	33 kv chakiya	Metered	Functional	-	6.31
Samastipur	33	33 kv raghopur	Metered	Functional	-	39.56
Purnea	33	33 kv kursela	Metered	Functional	-	41.11
						14583.32

➤ **132 kV Voltage feeder name & Energy Parameters**

Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
Chapra	132	(a)Rail wheel plant,Bela,chapra-	Metered	Functional		43.44
Chapra	132	GE Diesel Locomotive Pvt .Ltd Feeder-I(Q0238482)	Metered	Functional		5.09
Motihari	132	132 KV TSS ,Majhwaliya (R.T.S)	Metered	Functional		16.08
Motihari	132	(b) 132 KV Ramnagar railway(R.T.S)	Metered	Functional		8.67
Motihari	132	132 KV Motihari-Jivdhara TSS(R.T.S)	Metered	Functional		13.88
Darbhanga	132	132KV pandaul TSS (R.T.S)	Metered	Functional		18.91
Muzaffarpur	132	132 KV Bajpatti	Metered	Functional		0.16
						106.23

➤ **11 kV Voltage feeder name & Energy Parameters**

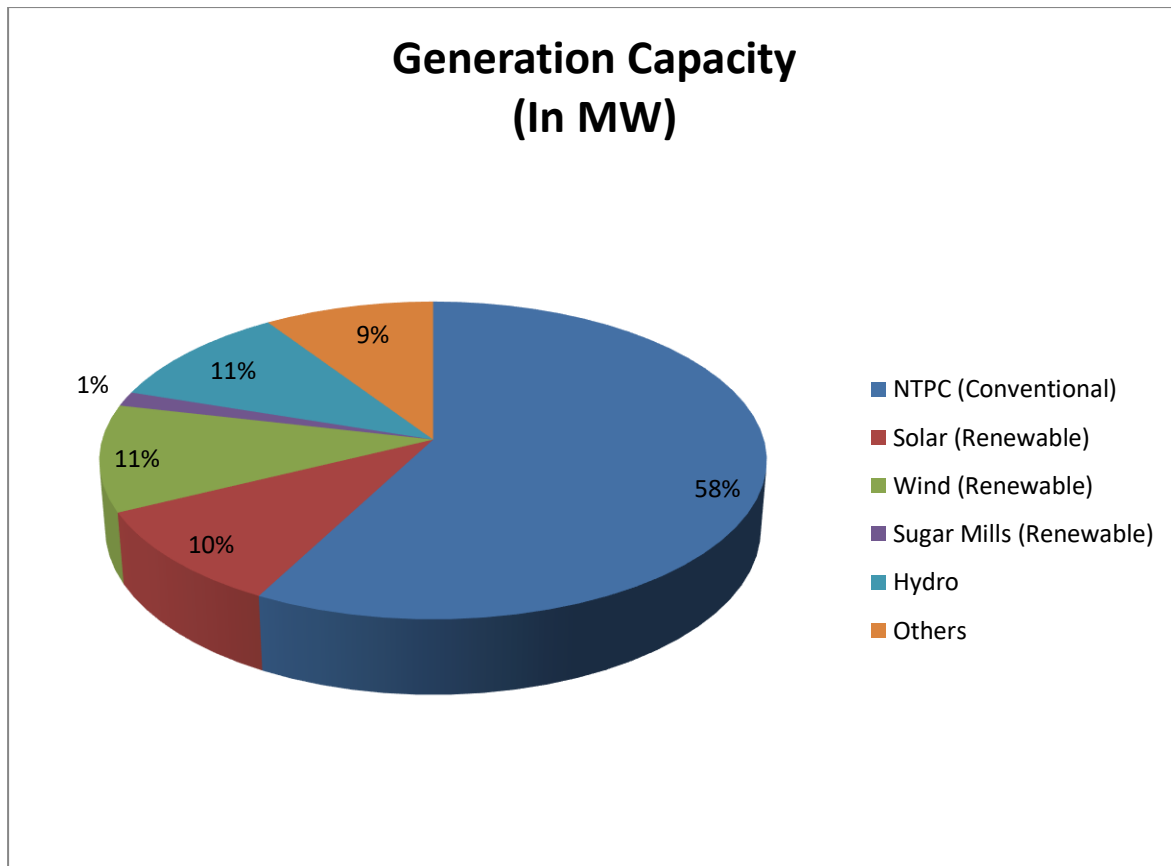
Circle	Voltage Level (KVA)	Feeder Name	Feeder Metering	Status of Meter	Meter S.No	Import (MU)
Samastipur	11	11 kv birpur	Metered	Functional		-1.50
Chapra	11	11 kv mahesh& ghaghra	Metered	Functional		-7.08
Chapra	11	11 kv barhara	Metered	Functional		2.11
Saharsa	11	11 kv bhargama	Metered	Functional		-3.18
Samastipur	11	11 kv birpur	Metered	Functional		-1.50
						-9.66

➤ **Details of Receiving Station**

Long Term Power Purchase from existing source has primarily been NTPC, NHPC and the same has been considered based on the actual quantum with adjustments to capture overall power purchase cost in a reasonable manner. Other sources of power include power procured from State Generating companies RE and Non-RE Sources and IPPs.

Medium / Short Term power are purchase from sources namely IEX, DEEP Portal etc NBPDC & and there have been adequately considered as per the actual power purchase data provided

Name of Generation Station	Generation Capacity (In MW)	Point of Connection (POC) Loss MU
NTPC (Conventional)	4248.04	314.024132
Solar (Renewable)	738	
Wind (Renewable)	800.2	
Sugar Mills (Renewable)	108.9	
Hydro	778.38	33.176842
Others	688	29.070815
Total	7361.52	376.271789



Note: Detailed Format Attached in annexure

4.3 Unit wise Performance

The NBPDCCL discom have total 9 circles, 46 division & there are following category in which the energy consumption is divided Residential, agriculture, Commercial & others. The performance of all the division is shown in below table:

Name of circle	Circle code	Name of Division	Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Input energy (MU)	Total energy	T&D Loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	AT & C loss (%)
Muzaffarpur	14	Muzaffarpur (E)	Residential	239090	0	347.61	265.213	24%	127.04	108.22	
			Agricultural	4645	9				16.79	15.80	
			Commercial/Industrial -LT	14406	0				23.56	22.85	
			Commercial/Industrial -HT	10	0				8.48	8.96	
			Others	849	32				3.53	1.92	
Sub-total				259000	41	347.61	265.213	24%	179.39	157.74	33%
Muzaffarpur	14	Muzaffarpur (W)	Residential	326224	0	485.14	396.753	18%	193.80	157.82	
			Agricultural	2587	2				14.00	12.73	
			Commercial/Industrial -LT	19121	0				40.61	41.56	
			Commercial/Industrial -HT	27	0				15.23	16.03	
			Others	962	22				3.13	1.37	
Sub-total				348921	24	485.14	396.753	18%	266.77	229.51	30%
Muzaffarpur	14	Muzaffarpur (U1)	Residential	61618	0	260.56	236.3739	60%	103.56	106.62	
			Agricultural	13	0				0.00	0.00	
			Commercial/Industrial -LT	20500	0				48.85	48.53	
			Commercial/Industrial -HT	94	0				26.74	27.44	

Name of circle	Circle code	Name of Division	Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Input energy (MU)	Total energy	T&D Loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	AT & C loss (%)
			Others	174	32				22.80	17.98	
Sub-total				82399	32	260.56	236.3739	9%	201.95	200.57	10%
Muzaffarpur	14	Muzaffarpur (U2)	Residential	140454	0	381.04	319.4862	16%	116.11	114.14	
			Agricultural	2100	6				7.36	7.10	
			Commercial/Industrial -LT	15120	0				29.81	33.53	
			Commercial/Industrial -HT	95	0				68.91	65.64	
			Others	476	6				2.00	0.77	
Sub-total				158245	12	381.04	319.4862	16%	224.19	221.17	17%
Muzaffarpur	14	Sitamarhi	Residential	238359	0	355.23	315.5536	11%	138.27	107.27	
			Agricultural	2061	4				12.60	11.22	
			Commercial/Industrial -LT	19891	0				45.86	34.49	
			Commercial/Industrial -HT	26	0				8.21	10.15	
			Others	1000	59				36.98	27.78	
Sub-total				261337	63	355.23	315.5536	11%	241.91	190.91	30%
Muzaffarpur	14	Seohar	Residential	93662	0	127.58	118.8333	7%	45.10	39.11	
			Agricultural	1220	2				11.05	9.76	
			Commercial/Industrial -LT	5685	0				17.84	9.85	
			Commercial/Industrial -HT	6	0				0.68	1.17	
			Others	238	19				3.61	2.42	

Name of circle	Circle code	Name of Division	Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Input energy (MU)	Total energy	T&D Loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	AT & C loss (%)
Sub-total				100811	21	127.58	118.8333	7%	78.28	62.31	26%
Muzaffarpur	14	Pupri	Residential	297028	0	296.64	253.5965	15%	135.85	113.88	
			Agricultural	1873	12				4.27	3.84	
			Commercial/Industrial -LT	18743	0				30.20	26.99	
			Commercial/Industrial -HT	4	0				0.44	0.56	
			Others	1286	75				9.74	8.92	
Sub-total				318934	87	296.64	253.5965	15%	180.50	154.19	27%
Motihari	16	Motihari	Residential	261900	0	466.57	372.0715	20%	153.12	125.17	
			Agricultural	2257	3				4.80	4.26	
			Commercial/Industrial -LT	20326	0				42.68	36.06	
			Commercial/Industrial -HT	36	0				18.65	18.39	
			Others	1120	6				2.32	0.89	
Sub-total				285639	9	466.57	372.0715	20%	221.57	184.78	33%
Motihari	16	Bettiah	Residential	371527	0	592.74	489.2485	17%	201.31	155.64	
			Agricultural	2685	2				7.58	6.78	
			Commercial/Industrial -LT	18301	0				45.46	34.63	
			Commercial/Industrial -HT	57	0				37.96	35.84	
			Others	1413	62				9.11	5.19	
Sub-total				393983	64	592.74	489.2485	17%	301.42	238.08	35%
Motihari	16	Bagaha	Residential	212203	0	232.53	210.0815	10%	103.54	79.28	
			Agricultural	2789	192				5.22	4.98	

Name of circle	Circle code	Name of Division	Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Input energy (MU)	Total energy	T&D Loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	AT & C loss (%)
			Commercial/Industrial -LT	10603	0				19.14	16.45	
			Commercial/Industrial -HT	7	0				9.79	9.80	
			Others	1108	34				2.80	0.76	
Sub-total				226710	226	232.53	210.0815	10%	140.48	111.26	28%
			Residential	207236	0				114.87	97.48	
			Agricultural	3212	13				7.59	7.04	
			Commercial/Industrial -LT	16539	0				44.97	25.57	
			Commercial/Industrial -HT	31	0				22.63	21.93	
			Others	1300	42				3.68	2.89	
Sub-total				228318	55	315.37	273.6038	13%	193.74	154.90	31%
			Residential	272405	0				135.78	110.45	
			Agricultural	2876	37				6.68	5.83	
			Commercial/Industrial -LT	15599	0				39.02	29.87	
			Commercial/Industrial -HT	24	0				7.71	8.17	
			Others	942	18				4.92	2.87	
Sub-total				291846	55	385.94	302.3253	22%	194.10	157.19	37%
			Residential	293030	0				171.55	155.73	
			Agricultural	4402	459				25.93	23.00	
			Commercial/Industrial -LT	22195	0				40.99	35.57	
			Commercial/Industrial	20	0				47.02	47.14	

Name of circle	Circle code	Name of Division	Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Input energy (MU)	Total energy	T&D Loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	AT & C loss (%)
			-HT								
			Others	1404	12				12.69	7.23	
Sub-total				321051	471	534.25	431.1029	19%	298.18	268.67	27%
Chapra	15	Chapra(W)	Residential	293107	0	546.47	348.4838	36%	176.80	207.88	
			Agricultural	3137	190				19.82	3.18	
			Commercial/Industrial -LT	24575	0				55.57	45.84	
			Commercial/Industrial -HT	35	0				8.54	8.49	
			Others	1604	15				8.32	3.60	
Sub-total				322458	205	546.47	348.4838	36%	269.05	269.00	36%
Chapra	15	Siwan	Residential	248213	0	459.30	395.3909	14%	190.28	164.51	
			Agricultural	1171	50				9.45	8.39	
			Commercial/Industrial -LT	20238	0				46.53	40.22	
			Commercial/Industrial -HT	26	0				5.11	5.07	
			Others	921	41				8.93	4.20	
Sub-total				270569	91	459.30	395.3909	14%	260.29	222.39	26%
Chapra	15	Gopalganj	Residential	183693	0	275.95	267.3314	3%	137.58	114.35	
			Agricultural	1383	10				1.44	1.35	
			Commercial/Industrial -LT	15902	0				31.88	28.51	
			Commercial/Industrial -HT	18	0				3.69	3.62	
			Others	1073	6				3.72	2.44	
Sub-total				202069	16	275.95	267.3314	3%	178.30	150.27	18%

Name of circle	Circle code	Name of Division	Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Input energy (MU)	Total energy	T&D Loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	AT & C loss (%)
Chapra	15	Maharajganj	Residential	212115	0	329.79	265.8608	19%	129.84	115.91	
			Agricultural	1287	60				13.31	12.76	
			Commercial/Industrial -LT	14854	0				28.97	26.93	
			Commercial/Industrial -HT	11	0				2.20	2.13	
			Others	652	2				8.17	4.43	
Sub-total				228919	62	329.79	265.8608	19%	182.48	162.15	28%
Chapra	15	Mirganj	Residential	230773	0	359.06	320.0710	11%	161.15	128.83	
			Agricultural	2575	70				14.53	12.82	
			Commercial/Industrial -LT	15252	0				34.73	26.10	
			Commercial/Industrial -HT	13	0				1.89	1.95	
			Others	1274	4				10.27	5.70	
Sub-total				249887	74	359.06	320.0710	11%	222.57	175.39	30%
Darbhanga	12	Darbhanga (U)	Residential	62472	0	217.58	202.0830	7%	97.18	97.37	
			Agricultural	8	0				0.09	0.08	
			Commercial/Industrial -LT	13397	0				35.41	29.30	
			Commercial/Industrial -HT	85	0				28.00	27.66	
			Others	103	66				3.31	3.07	
Sub-total				76065	66	217.58	202.0830	7%	163.99	157.48	11%
Darbhanga	12	Darbhanga (R)	Residential	328699	0	410.12	298.3443	27%	169.58	162.40	
			Agricultural	3376	121				3.32	2.96	
			Commercial/Industrial	20705	0				36.69	33.91	

Name of circle	Circle code	Name of Division	Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Input energy (MU)	Total energy	T&D Loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	AT & C loss (%)
			-LT								
			Commercial/Industrial -HT	13	0				6.26	6.51	
			Others	1577	6				2.01	1.45	
Sub-total				354370	127	410.12	298.3443	27%	217.86	207.23	31%
Darbhanga	12	Madhubani	Residential	287805	0	350.87	284.2184	19%	145.38	143.87	
			Agricultural	1493	5				1.46	1.31	
			Commercial/Industrial -LT	23124	0				36.71	32.64	
			Commercial/Industrial -HT	30	0				26.39	26.65	
			Others	1308	15				1.67	0.67	
Sub-total				313760	20	350.87	284.2184	19%	211.61	205.14	21%
Darbhanga	12	Jhanjharpur	Residential	268995	0	273.34	194.0382	29%	110.80	110.30	
			Agricultural	1800	135				2.52	2.37	
			Commercial/Industrial -LT	18115	0				28.02	26.44	
			Commercial/Industrial -HT	9	0				1.25	1.26	
			Others	1011	0				1.82	1.08	
Sub-total				289930	135	273.34	194.0382	29%	144.42	141.46	30%
Darbhanga	12	Jainagar	Residential	193226	0	201.92	151.1023	25%	86.14	89.50	
			Agricultural	1909	1				1.04	1.05	
			Commercial/Industrial -LT	14498	0				22.20	21.15	
			Commercial/Industrial -HT	7	0				0.95	0.95	

Name of circle	Circle code	Name of Division	Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Input energy (MU)	Total energy	T&D Loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	AT & C loss (%)
			Others	937	3				1.11	0.70	
Sub-total				210577	4	201.92	151.1023	25%	111.44	113.35	24%
Darbhanga	12	Benipur	Residential	320601	0	263.64	248.8216	6%	131.49	135.12	
			Agricultural	1873	301				1.46	1.40	
			Commercial/Industrial -LT	19301	0				29.80	28.49	
			Commercial/Industrial -HT	5	0				0.90	1.01	
			Others	1640	20				11.23	10.03	
Sub-total				343420	321	263.64	248.8216	6%	174.88	176.04	5%
Samastipur	13	Samastipur	Residential	303980	0	426.01	332.4689	22%	155.71	155.20	
			Agricultural	6538	876				10.98	10.31	
			Commercial/Industrial -LT	25381	0				46.83	39.62	
			Commercial/Industrial -HT	52	0				28.91	28.67	
			Others	1702	7				5.36	3.91	
Sub-total				337653	883	426.01	332.4689	22%	247.79	237.70	25%
Samastipur	13	Dalsingsarai	Residential	235629	0	264.23	198.5307	25%	102.70	114.70	
			Agricultural	6401	261				7.18	6.87	
			Commercial/Industrial -LT	19676	0				26.91	26.95	
			Commercial/Industrial -HT	15	0				5.63	5.82	
			Others	1340	16				4.22	3.23	
Sub-total				263061	277	264.23	198.5307	25%	146.64	157.57	19%
Samastipur	13	Rosera	Residential	228236	0	200.95	161.2401	20%	86.39	94.74	

Name of circle	Circle code	Name of Division	Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Input energy (MU)	Total energy	T&D Loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	AT & C loss (%)
			Agricultural	4041	1				2.63	2.62	
			Commercial/Industrial -LT	13589	0				23.43	23.55	
			Commercial/Industrial -HT	9	0				1.81	1.80	
			Others	1473	79				4.49	2.70	
Sub-total				247348	80	200.95	161.2401	20%	118.75	125.41	15%
			Residential	251922	0				161.49	150.89	
			Agricultural	4559	75				12.60	11.71	
			Commercial/Industrial -LT	23564	0				130.13	69.26	
			Commercial/Industrial -HT	124	0				84.26	85.24	
			Others	1013	50				5.21	2.35	
Sub-total				281182	125	514.05	513.8074	0%	393.69	319.44	19%
			Residential	274414	0				160.70	161.63	
			Agricultural	7345	94				19.02	17.52	
			Commercial/Industrial -LT	20112	0				33.58	32.76	
			Commercial/Industrial -HT	23	0				10.89	10.44	
			Others	1513	8				4.24	3.08	
Sub-total				303407	102	399.65	317.3178	21%	228.42	225.44	22%
			Residential	288318	0				195.12	187.70	
			Agricultural	3499	319				4.75	3.85	
			Commercial/Industrial -LT	24385	0				56.06	46.96	

Name of circle	Circle code	Name of Division	Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Input energy (MU)	Total energy	T&D Loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	AT & C loss (%)
			Commercial/Industrial -HT	43	0				13.19	13.35	
			Others	1306	54				4.50	3.09	
Sub-total				317551	373	467.24	370.0407	21%	273.62	254.95	26%
Begusarai	17	Barauni	Residential	175778	0	306.66	252.5832	18%	112.66	110.58	
			Agricultural	2526	386				2.10	1.93	
			Commercial/Industrial -LT	15216	0				26.03	25.24	
			Commercial/Industrial -HT	64	0				45.78	45.50	
			Others	1069	82				4.58	2.54	
Sub-total				194653	468	306.66	252.5832	18%	191.14	185.79	20%
Begusarai	17	Khagaria	Residential	248254	0	322.74	230.4089	29%	125.12	128.53	
			Agricultural	1589	0				3.13	3.03	
			Commercial/Industrial -LT	15179	0				33.51	32.23	
			Commercial/Industrial -HT	14	0				3.84	4.26	
			Others	1502	70				6.41	2.62	
Sub-total				266538	70	322.74	230.4089	29%	172.00	170.68	29%
Purnea	10	Purnea(E)	Residential	245075	0	329.22	295.6433	10%	132.45	141.07	
			Agricultural	2874	204				4.78	4.51	
			Commercial/Industrial -LT	25713	0				38.81	35.39	
			Commercial/Industrial -HT	64	0				37.36	38.15	
			Others	1422	13				5.66	6.26	

Name of circle	Circle code	Name of Division	Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Input energy (MU)	Total energy	T&D Loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	AT & C loss (%)
Sub-total				275148	217	329.22	295.6433	10%	219.06	225.38	8%
Purnea	10	Purnea(W)	Residential	292416	0	375.30	313.2426	17%	164.53	181.20	
			Agricultural	3340	31				4.66	4.42	
			Commercial/Industrial -LT	25545	0				43.26	36.16	
			Commercial/Industrial -HT	46	0				10.83	10.76	
			Others	1657	7				3.75	2.53	
Sub-total				323004	38	375.30	313.2426	17%	227.03	235.07	14%
Purnea	10	Katihar	Residential	245610	0	390.57	265.2666	32%	132.68	130.63	
			Agricultural	3329	69				6.14	5.62	
			Commercial/Industrial -LT	21015	0				43.07	44.23	
			Commercial/Industrial -HT	35	0				18.34	18.44	
			Others	1377	8				3.96	3.80	
Sub-total				271366	77	390.57	265.2666	32%	204.19	202.72	33%
Purnea	10	Barsoi	Residential	249403	0	218.21	176.0668	19%	91.44	98.05	
			Agricultural	3455	396				12.89	11.76	
			Commercial/Industrial -LT	8998	0				19.06	16.19	
			Commercial/Industrial -HT	2	0				0.23	0.23	
			Others	1251	27				1.76	1.44	
Sub-total				263109	423	218.21	176.0668	19%	125.38	127.66	18%
Kishanganj	18	Kishanganj	Residential	101966	0	122.54	116.0134	5%	51.07	49.41	
			Agricultural	1376	87				4.87	4.50	

Name of circle	Circle code	Name of Division	Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Input energy (MU)	Total energy	T&D Loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	AT & C loss (%)
			Commercial/Industrial -LT	12411	0				29.20	27.55	
			Commercial/Industrial -HT	32	0				12.25	12.22	
			Others	646	61				5.57	2.76	
				116431	148	122.54	116.0134	5%	102.96	96.44	11%
Kishanganj	18	Araria	Residential	278323	0	275.70	239.1294	13%	119.29	101.31	
			Agricultural	2166	1				1.10	1.28	
			Commercial/Industrial -LT	19617	0				30.72	26.70	
			Commercial/Industrial -HT	15	0				2.38	2.34	
			Others	1650	154				29.03	21.03	
Sub-total				301771	155	275.70	239.1294	13%	182.53	152.66	27%
Kishanganj	18	Forbesganj	Residential	154648	0	196.70	156.9778	20%	69.01	74.40	
			Agricultural	1277	2				2.91	2.52	
			Commercial/Industrial -LT	10776	0				19.93	18.11	
			Commercial/Industrial -HT	30	0				23.82	23.44	
			Others	1123	9				1.22	0.90	
Sub-total				167854	11	196.70	156.9778	20%	116.88	119.39	18%
Kishanganj	18	Bahadurganj	Residential	214552	0	191.34	164.6952	14%	75.00	74.98	
			Agricultural	1965	145				6.30	6.05	
			Commercial/Industrial -LT	15138	0				19.76	18.98	
			Commercial/Industrial	14	0				20.16	20.28	

Name of circle	Circle code	Name of Division	Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Input energy (MU)	Total energy	T&D Loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	AT & C loss (%)
			-HT								
			Others	1353	36				2.92	1.87	
Sub-total				233022	181	191.34	164.6952	14%	124.13	122.16	15%
Saharsa	11	Saharsa	Residential	169636	0	230.88	183.7499	20%	100.96	104.25	
			Agricultural	1784	21				1.10	1.03	
			Commercial/Industrial -LT	13929	0				28.48	25.28	
			Commercial/Industrial -HT	28	0				5.66	5.01	
			Others	912	64				3.09	1.87	
Sub-total				186289	85	230.88	183.7499	20%	139.30	137.43	21%
Saharsa	11	Madhepura	Residential	187256	0	207.72	175.3205	16%	92.31	87.42	
			Agricultural	3264	1				6.42	5.82	
			Commercial/Industrial -LT	14011	0				26.58	22.93	
			Commercial/Industrial -HT	11	0				3.70	3.35	
			Others	1090	45				4.67	2.04	
Sub-total				205632	46	207.72	175.3205	16%	133.67	121.55	23%
Saharsa	11	Supaul	Residential	170768	0	215.59	160.5432	26%	82.74	89.50	
			Agricultural	4789	8				3.78	3.65	
			Commercial/Industrial -LT	12488	0				23.93	21.52	
			Commercial/Industrial -HT	20	0				5.59	5.54	
			Others	1008	1				3.45	2.97	
Sub-total				189073	9	215.59	160.5432	26%	119.49	123.18	23%

Name of circle	Circle code	Name of Division	Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Input energy (MU)	Total energy	T&D Loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	AT & C loss (%)
Saharsa	11	Raghopur	Residential	193862	0	245.74	182.3241	26%	97.68	96.51	
			Agricultural	6637	0				4.29	4.22	
			Commercial/Industrial -LT	13401	0				22.90	22.00	
			Commercial/Industrial -HT	11	0				7.37	6.44	
			Others	1158	2				2.58	2.38	
Sub-total				215069	2	245.74	182.3241	26%	134.82	131.55	28%
Saharsa	11	Simri bakhtiyarpur	Residential	133473	0	147.22	104.5518	29%	60.80	63.26	
			Agricultural	1497	5				0.71	0.69	
			Commercial/Industrial -LT	8149	0				12.89	12.69	
			Commercial/Industrial -HT	2	0				0.14	0.06	
			Others	595	44				1.76	0.85	
Sub-total				143716	49	147.22	104.5518	29%	76.29	77.56	28%
Saharsa	11	Udakishunganj	Residential	127478	0	161.60	104.5518	24%	69.70	66.66	
			Agricultural	899	0				6.05	5.46	
			Commercial/Industrial -LT	5407	0				12.72	12.02	
			Commercial/Industrial -HT	1	0				0.11	0.11	
			Others	937	30				1.29	0.90	
Sub-total				134722	30	161.60	104.5518	24%	89.87	85.14	28%
Total			Residential	10415432	0	14,679.09	8485.9913	19%	5,715.63	5,403.44	
			Agricultural	127882	4666		467.4882		320.69	279.41	
			Commercial/Industrial	780690	0		1856.7259		1,603.28	1,371.78	

Name of circle	Circle code	Name of Division	Consumer category	No of connection metered (Nos)	No of connection Un-metered (Nos)	Input energy (MU)	Total energy	T&D Loss (%)	Billed Amount in Rs. Crore	Collected Amount in Rs. Crore	AT & C loss (%)
			-LT								
			Commercial/Industrial	1344	0		835.9626		699.84	697.95	
			-HT								
			Others	51469	1464		347.1642		287.56	193.45	
At company level				11376817	6130	14,679.09	11993.3322	18.30%	8,627.00	7,946.04	24.75%

4.4 Energy Conservation measures already taken & proposed for Future

➤ **Action plan for line loss reduction**

Following energy conservation Measures (ECMs) is adopted for line loss reduction

1. Installation of Smart Meters.
2. Installation of Automatic Power factor controller (Capacitor Bank) at newly constructed PSS.
3. System improvement & automation.
4. Replacing of conventional/non star rated transformer into energy efficient transformers.
5. Laying of AB cables.
6. HVD system to reduce low tension line losses.
7. Replacing worm out /Under sized conductors.
8. Increase in HT/LT Ratio.
9. Preventive & Periodic maintenance of line & transformer.
10. Load balancing of distribution transformers.
11. MIS Based periodic reporting of unit wise business parameters.
12. Installation of Rooftop Grid connected solar generation plant with net metering.
13. Strengthening of energy accounting infrastructure at Feeder and DT level by provisioning AMR enabled meters.

4.5 Critical Analysis

I. Discom Parameter for evaluation of performance

- Ideally, reduction of technical losses should be the parameter for evaluation of performance of Discomssector.
- However, the technical losses of the discoms are not available and also it involves a cumbersome process to calculate the technical losses, which varies based on various factors like loading pattern etc.
- Now, only the T&D losses and AT&C losses are available as the performance parameter for achieving energy efficiency by DISCOMs.
- It was decided that out of the two parameters, T&D loss parameter seems to be appropriate parameter which reflects energy savings to a greater extent as compared to AT&C losses.

Transmission & Distribution losses (T&D losses)

$$\text{T\& D Losses} = \{1 - (\text{Total energy Billed} / \text{Total energy Input in the system})\} \times 100$$

Aggregate technical and commercial losses (AT&C losses)

$$\text{AT\&C Losses} = \{1 - (\text{Billing Efficiency} \times \text{Collection Efficiency})\} \times 100$$

Where

$$\text{Billing efficiency} = \text{Total unit Billed} / \text{Total unit Inputs}$$

$$\text{Collection efficiency} = \text{Revenue collected} / \text{Amount Billed}$$

The overall averaged T & D Losses & AT & C Losses of the NBPDCCL discom, Patna is 18.30% & 24.75% which is less compared to other discom sector.

4.6 Inclusion & Exclusions

Not Applicable

4.7 Detailed Formats to be annexed

- Month wise input and billed energy.
- T&D losses computation approach.
- Un-metered energy consumption approach.
- Internal field audit report of input and billed energy.
- Performance of DISCOM on distribution losses.
- Outcome of internal filed audit.
- Measures taken to reduce losses and improve losses.
- Zone/circle/Division/Sub-division wise loss computation.
- Reduction achieved, measures adopted for energy conservation and quantity of energy saved.
- Report on distribution losses.
- List of measuring equipments and calibration certificates and frequency of calibration.
- Write up on energy scenario.
- Generation via solar, DG and any other source and share of energy consumption.
- Net Input Energy Computation Details.
- Category wise consumer's details.
- Category wise consumers connected load and % load
- Bifurcation of Billed Energy (metered billed energy and unmetered billed energy).
- Disconnected consumers details
- Loss Analysis report
- Write up on procedure followed technical loss analysis.

V. Note of the EA/EM along with queries & replies to data gaps

DC has T&D losses 18.30% which is higher side. At & C losses 24.75% which is higher side for discom sector. Various schemes have been implemented by DC to reduce losses which are shown in annual report and attached in the annexure of report.

DC is having the Fact sheet, Revenue database which is provided for verification. Also supporting documents for the same has been provided which is attached in annexure of report.

VI. Annexures

I. Introduction to verification firm

We A-Z Energy Engineers Pvt. Ltd. provides consultancy services in the areas of energy management while conducting Energy Audits in all segments of energy input. For conducting Detailed Energy Audits, Energy Audits under PAT (Mandatory and M&V), we have a pool of experienced BEE Accredited & Certified Energy Auditors, Electrical Engineers, Mechanical Engineers and Technicians having experience of more than 30 years. The Energy Audits is being carried out with sophisticated instruments namely Power-Analyzer, Flue Gas Analyzer, Ultra-sonic flow meter, Techo-meter, Anemometer, Hego-Meter, Digital Thermometer, Thermographic Camera's, Lux Meter, Leak detectors. Laser gun etc. etc.

Objective

- To carry out and take ahead the business of Energy Efficiency and climate change including promotion and dissemination of energy efficient product and services.
- To disseminate the culture of safe manufacturing and Services through safety audits and trainings.
- To facilitate implementation of energy efficiency projects for Demand Side Measures including optimization of energy mix for industries, railways, building sector, lighting, HVAC etc.
- To facilitate implementation of schemes, programs and policies of central and state governments or its agencies applicable for enhancing energy efficiency.
- To provide consultancy services in the field of Clean Development Mechanism and Renewable Energy Certificate projects, Carbon Markets, Demand Side Management, Energy Efficiency, Climate change and other related areas.
- To identify and impart training to build the capacity of stakeholders in the field of Energy Efficiency and safe practices in Industry.
- To act as a resource center in the field of Energy Efficiency and take up the activities of Capacity Building Training and other related activities.

Vision

- ❖ To make use of energy sustainable.
- ❖ To create and sustain markets for energy efficiency in India
- ❖ To facilitate energy efficiency improvement through private sector investments in energy efficiency.

Mission

- ❖ To assist all stakeholders in implementing energy efficiency and realizing savings.
- ❖ To create awareness regarding merits of improvement of energy efficiency and safety practices in private and public sector.

We are Accredited Energy Auditor from BEE, also empaneled by BEE for PAT M & V Audits and Mandatory Energy Audit Projects. A-Z Energy Engineers Pvt. Ltd. has been short listed by Bureau of Energy Efficiency as an Energy Service Company (ESCO), it is an ISO 9001:2015 certified company. We have completed more than 1260 nos. projects, including 52 PAT projects

Dr. P.P. Mittal the Founder Director of A-Z Energy Engineers Pvt. Ltd. was awarded by Govt. of India in National Energy Conservation Award 2013, 2015 & 2016. MSME Ministry Govt. of India awarded “Best Services Providing Company” it was awarded by Hon’ble Prime Minister of India. Dr. P.P. Mittal, also received the “Energy Engineer” of South-East Asia Sub-continent award 2016 & 2018 at Washington DC & Charlotte USA respectively. Haryana Govt. also recognized the services of Dr. P.P. Mittal, Ph.D, MBA, Post Graduate Diploma in Power Districution, Chartered Engineer, Leed Auditor - Indian Green Building Council Hyderabad, Accrediated Energy Auditor (AEA-011).

Accolades

- Stand first in MSME Micro Services Award 2013 and award received from **Hon;ble Prime Minister of India on 18/10/2016 at Ludhaiana**. This award consist Trophy, Certifiante & cash prize of Rs. 3 lacs.
- Reveived prestigious “**Legend in Energy**” Award for Asian Sub-contitnet from AEE, Atlanta at Wahington, DC on 20/09/2016.
- Received Award from AEE Atlanta at Washington citing as “Energy Engineer–2016 & 2018” of South-East Aisa sub-continent
- Received Letter of appreciateion from **Chief Minister of Haryana**
- Winner Haryana State Energy Conservation Award 2012 with Certificate & Rs. 50,000/-
- National Energy Conservation Award 2013
- National Energy Conservation Award 2015
- National Energy Conservation Award 2016
- Appreciation from Sh. Kalraj Misra, Hon’ble Minister of State for MSME.
- Recevied Appreciation from Sh. Haribahi Parathibhai Chaudhary, Minister of State for MSME, Govt. of India

- Received Appreciation from Sh. K.K. Jalan, IAS Seecretary, MSME
- Received appreciation from Sh. Devender Singh, IAS, Secretary Power, Haryana
- Received Appreciation from Institute of Engineers on Energy Day
- Received Appreciation from HAREDA, Chandigarh

Received feedback & appreciation from 400 units including CERC, UNDP & CAG

II. Name of the Firm

Name of Accredited Firm	Accredited Energy Auditor
A-Z Energy Engineers Pvt. Ltd. Darya Ganj New Delhi-110002	Dr. P PMittal :- AEA 0011 Registration Number:- EmAEA-0024

III. Composition of Team

Sr. No.	Name	Qualification	EM/EA/AEA/EmAEA Registration No	Experience (In Years)/ Sector
Team Head				
1	Dr. P.P Mittal	Ph.D, MBA	AEA-011	+45 Years
Sector Expert				
2	Mr. Vipon Chanda	DISCOM Sector	-	30
Team Members				
3	Mr. V.P Sharma	B. Tech	EA- 10061	32 Years
4	Mr. Alok Kumar Tiwari	Team Member	EM-300137	6 Years
5	Mr. Pankaj Chauhan	Team Member	-	8 Years

IV. Registration No.

EmAEA – 0024

V. Undertaking from EmAEA

We A-Z Energy Engineers Pvt. Ltd. hereby confirm that our AEA and any of the audit team member mentioned in this report has conduct mandatory annual energy audit (Accounting) for NBPDC, Patna (hereafter called as DC).

We also confirm that none of our team member was in the employment of the DC within the previous four years, and was not involved in undertaking energy audit of the DC within the previous four years.

Authorised Signatory

(Dr. P.P. MITTAL)

Director

II. Minutes of Meeting with the Discom Firm.

Minutes of Meeting with North Bihar Power Distribution Company Limited., Vidyut Bhawan, Patna & A-Z Energy Engineers Pvt. Ltd., New Delhi

North Bihar Power Distribution Company Limited

A-Z Energy Engineers Pvt. Ltd.

A-Z Energy Engineers audit team visited the site on 18th July to 21th July 2022 and conduct the energy audit accounting with reference to the North Bihar Power Distribution Company Limited (NBPDC) LOA no. 90 dated 30th June 2022, contract agreement no. 61/CE(EA)NB/01/22 dated 21.07.2022 and notification from the Bureau of Energy Efficiency dated 6th October 2021 for Conduct of Energy Audit (Accounting) in Electricity Distribution Companies.

Following are the key observations during audit.

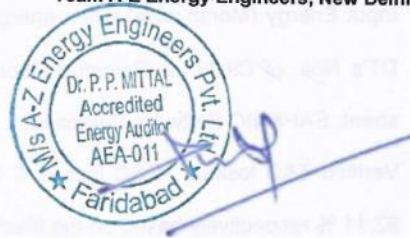
- Filled in proforma for FY 2021-22 was available with NBPDC, Patna. Audit team verified the filled in proforma.
- Client has provided the following documents for purchase power (Month wise), Input Energy (Month wise), Billed energy (Month wise), No. of consumers, Nos. of DT's Nos. of Circle i.e., Revenue Department, Internal Departmental Report, Fact sheet, SAP&NIC Software Database.
- Verified T&D losses, AT&C losses & Collection Efficiency is 18.30%, 24.75% & 92.11 % respectively based on the filled in proforma.
- Client has provided the category wise consumers (HT/LT) Billed energy & No's of Consumers.
- Client has not provided the feeder wise input/billed energy, export energy, T & D Losses & AT&C losses.

- Client is maintaining the circle/division wise input energy, provided the billed energy circle wise/division-wise.
- Client has provided the Action plan to reduce the T & D Losses As well as AT & C losses.
- Client has provided the transmission loss & its Methodology.

Energy Input Details	Unit (MU)	Supporting Documents
Input Energy Purchase (From Generation Source)	16630.78	Account Dept.
Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded)	14679.09	Departmental Sheet
Total Energy billed (is the Net energy billed, adjusted for energy traded))	11993.33	Revenue Dept.
	Rs. Crore	
Billed Amount in	8627.00	Revenue Dept.
Collected Amount in	7946.04	Revenue Dept.

Himanshu
Team NBPDC, Patna
E.M. - NBPDC

Team A-Z Energy Engineers, New Delhi



III. Check List prepared by EmAEA

List of documents required are:

- Month wise input and billed energy.
- T&D losses computation approach.
- Un-metered energy consumption approach.
- Internal field audit report of input and billed energy.
- Performance of dicsom on distribution losses.
- Outcome of internal filed audit.
- Measures taken to reduce losses and improve losses.
- Zone/circle/Division/Sub-division wise loss computation.
- Reduction achieved, measures adopted for energy conservation and quantity of energy saved.
- Report on distribution losses.
- List of measuring equipment's and calibration certificates and frequency of calibration.
- Write up on energy scenario.
- Generation via solar, DG and any other source and share of energy consumption.
- Net Input Energy Computation Details.
- Category wise consumer's details.
- Category wise consumers connected load and % load
- Bifurcation of Billed Energy (metered billed energy and unmetered billed energy).
- Disconnected consumers details
- Loss Analysis report
- Write up on procedure followed Technical loss analysis.

IV. Brief Approach, Scope & Methodology for audit

Scope of annual energy accounting is as per guidelines and notification from BUREAU OF ENERGY EFFICIENCY, New Delhi dated 6th October, 2021



V. Infrastructure Details

Parameters	Total	Covered during in audit	Verified by Auditor in Sample Check	Remarks (Source of data)
Number of circles	9			
Number of divisions	46			
Number of sub-divisions	148			
Number of feeders	3784			
Number of DTs	192298			
Number of consumers	11382947			
Parameters	66kV and above	33kV	11/22kV	LT
Number of conventional metered consumers	-	-	-	11209299
Number of consumers with 'smart' meters	-	-	-	
Number of consumers with 'smart prepaid' meters	-	-	-	162375
Number of consumers with 'AMR' meters	7	54	1153	1424
Number of consumers with 'non-smart prepaid' meters	-	-	-	2505
Number of unmetered consumers	-	-	-	6130
Number of total consumers	7	54	1153	11381733
Number of conventionally metered Distribution Transformers	-	-	-	110847
Number of DTs with communicable meters	-	-	-	3161
Number of unmetered DTs	-	-	-	78290
Number of total Transformers	0	0	0	192298
Number of metered feeders	-	247	1646	

Parameters	Total	Covered during in audit	Verified by Auditor in Sample Check	Remarks (Source of data)
Number of feeders with communicable meters	-	403	1224	
Number of unmetered feeders		98	166	
Number of total feeders	0	748	3036	
Line length (ct km)	304093.56			
Length of Aerial Bunched Cables	111366			
Length of Underground Cables	225			

VI. Power Purchase details

Bihar being an underdeveloped power generation state. As a result, the State power distribution companies rely heavily on central generating stations and other inter-state power purchase to meet consumers demand within the State. This dependence consequently creates uncertainty in terms of reliability and also significantly pushes up the power purchase costs. Power procurement for both the petitioners is executed by the power management cell of BSP(H)CL, and this is allocated between the two DISCOMs, NBPDCCL and SBPDCL, in the proportion as determined by the board resolution based on the demand growth requirement and consequent power supply requirement.

Long Term Power Purchase from existing source has primarily been NTPC, NHPC and the same has been considered based on the actual quantum with adjustments to capture overall power purchase cost in a reasonable manner. Other sources of power include power procured from State Generating companies RE and Non-RE Sources and IPPs.

Medium / Short Term power are purchase from sources namely IEX, DEEP Portal etc NBPDCCL & and there have been adequately considered as per the actual power purchase data provided.

Months	BSPHCL Units (MU)	NBPDCCL Units (MU)
Apr-21	3295.75	1511.10
May-21	2977.39	1365.13
Jun-21	3202.95	1468.55
Jul-21	3801.71	1743.09
Aug-21	3711.08	1701.53
Sep-21	3551.82	1628.51
Oct-21	3040.37	1394.01
Nov-21	2216.35	1016.20
Dec-21	2376.30	1089.53
Jan-22	2687.56	1232.25
Feb-22	2323.70	1065.41
Mar-22	3087.18	1415.47
Total	36272.15	16630.78

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DETAILS OF POWER PURCHASE															
BSPHCL FY (2021-22)															
		Plant	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	FY 2021-22 KWH
N T P C	Intra	BNTPS-1	0	3722770	12624043	23430833	5687761	0	10821402	0	0	0	13081093	0	69,367,902
	Intra	BNTPS-2	146179198	97956072	112250161	127739413	161528185	138436754	141154904	225422707	266277657	252266541	238932109	157861350	2,066,005,051
	central	Barh-1	0	0	0	0	0	0	0	132638283	182276467	211791226	65445422	177735480	769,886,878
	central	Barh-2	739734550	574490170	630844976	702935678	733317880	550740167	332081687	44357141	364640793	639584296	598409854	720932176	6,632,069,368
	central	Darpali	50029626	47076778	55229509	63799450	65135022	114105115	106487870	110995763	45111776	100690178	83163309	131385072	973,209,468
	central	Farakka-1	190674722	264107717	247570328	256287315	172980885	167577541	185817750	220741735	238990137	252763817	266081430	284869513	2,748,462,890
	central	Farakka-3	67393811	62232070	57756809	63220996	49593600	58811163	30088833	52947135	56130067	59519450	33788152	64478148	655,960,234
	central	Kahalgaon-1	222942052	211951222	159306257	152416920	194851517	204926393	191436057	158895898	154161207	193806976	183610500	204528337	2,232,833,336
	central	Kahalgaon-2	50261498	48491383	45339641	48143000	36457124	29937680	30913315	40810530	41391863	43977591	35161365	34023213	484,908,203
	central	Talchar	183968926	251013939	250134493	258658024	274219402	249674454	259393826	246685517	113489896	184631402	253741774	275593528	2,801,205,181
central	Korba	0	0	0	0	0	0	0	0	0	0	0	0	0	
N P G C L	central	NPGL	339144850	337215389	349962759	398430030	589995822	567670543	594143778	528753330	689026965	577355707	688111630	779959424	6,439,770,227
BRBCL	central	BRBCL	46697057	42465454	40383333	33753593	35426809	25643667	35944887	41280837	54010961	55641015	47899707	60797111	519,944,431
NHPC	central	Rangit	5112276	8712200	12671750	14632626	14274576	14508376	14986476	9752487	6886513	5094076	3106600	5155413	114,893,369
	central	Teesta	30756257	58416739	54335724	76032033	82054883	77948409	62945759	38570424	19067030	12154554	11405565	29361017	553,048,394
PTC	central	Chukka	9952843	41006465	83564300	82309700	85461843	76790139	83087428	44965815	18516811	578822	275707	12431409	538,941,282
	central	Tala	0	48625076	115782850	125167104	143741996	130264517	100377885	38602124	961878	2444093	0	0	705,967,523
	central	Mangdechhu	40036350	92897770	144773604	156550737	178845309	177396317	108461198	57798150	39694980	1241874	2690311	31394341	1,031,780,941
Net UI	central	IEX	412072423	209542022	202341576	426441482	276849031	285316166	194908904	8095829	10637522	5920385	27745216	20255152	2,080,125,708
	central	UI	66166395	35380820	-488998	17498553	8258697	19352627	47779863	-16825483	409602	-13486386	-11988113	3004838	155,062,415
S u g a r M i l l s	Intra	HSM	0	0	0	0	0	0	91000	4854400	8951800	9683200	8648400	2872000	35,100,800
	Intra	BSM	0	0	0	0	0	0	0	860972	6827830	7586855	1764818	0	17,040,475
	Intra	NSM	0	0	0	0	0	0	0	1614600	2992320	3030300	2465640	786780	10,889,640
	Intra	Hasanpur	3290870	0	0	0	0	0	0	9500	1943160	3848530	3734700	4756010	17,582,770
	Intra	Tirupati sugar	20	180	0	0	20	0	2220	1849460	2720660	3837480	3253920	1155020	12,818,980
	Intra	Riga	0	0	0	0	0	0	0	0	0	0	0	0	-
	Intra	HPCL (Sug)	0	0	0	0	0	0	0	3951778	4475653	348984	0	0	8,776,415
	Intra	HPCL (Lau)	0	0	0	0	0	0	0	2501597	5015829	4238045	254030	0	12,009,501
KBUNL	Intra	KBUNL	279174035	182169304	212921209	162771748	113828463	109371098	138103387	146554498	159032787	160017380	161848239	193595733	2,019,387,881
GMR	central	Kamalanga	168876000	169081037	146149500	159951750	153993750	179223000	169630500	166685500	138458750	155174376	131518250	163071750	1,901,814,163
Jindal	central	Jindal	142438200	141677935	145337209	152014450	133364052	145700250	93805480	157390420	156756289	137749978	131624839	54308389	1,592,167,491
RSHDC	Intra	Valmikinagar	0	121191	1396780	1813587	394120	1431707	0	0	0	0	0	9652	5,167,037
	Intra	Triveni	-	76,567.00	85,913.00	189,287.00	337,463.00	446157	400848	0	28287	263904	263783	324285	2,416,494
	Intra	Barun	0	0	105072	852913	628741	398498	625159	0	0	0	0	0	2,610,383
	Intra	Dehari	0	0	0	247357	296511	303376	537998	83778	0	0	4876	371335	1,845,231

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SOLAR	embedded	Agnoor	0	0	67472	157380	210020	280378	229835	7563	0	2789	42850	4454	1,002,741
	embedded	Dhelabag	0	0	56537	171907	79611	144096	103709	0	0	4904	3302	13093	577,159
	embedded	Nasriganj	0	0	21820	132246	165987	231020	201887	6020	0	32576	49163	17661	858,380
	Intra	Jainagar	0	0	61430	121041	92265	117480	152763	19483	0	94357	39630	31383	729,832
SOLAR	central	NTPC SOLAR	0	0	13790917	64564050	66510363	49818678	65964850	59358183	55330607	56744541	63245667	74346793	569,674,649
	central	SECI (Trader)	1638624	1721049	1567609	1271274	958954	1146850	1537370	1486370	1363578	1620209	1777085	1952591	18,041,563
	central	SECI (Sun wav)	0	0	0	0	17870791	41352024	57190685	50016687	47751700	53600202	59350937	69687715	396,820,741
	central	SECI GRT Jewellers	0	0	0	0	0	0	0	0	0	0	0	155810	155,810
	embedded	Udipta	663740	588700	484840	524600	527580	511780	559500	559460	518920	468800	598040	762500	6,768,460
	Intra	Responce	1673133	1469400	1269633	1306267	1441900	1497533	1589567	1376600	1277800	1122867	1578067	1925167	17,527,934
	embedded	Azure	1329540	1187540	705380	805840	843060	1192480	1048080	1095920	1049880	620560	1121140	1451000	12,450,420
	Intra	Alfa	2811642	2636266	2271061	2222658	2302295	2388528	2672641	2482715	2186671	2104027	2784676	3358528	30,221,708
	embedded	Avantika	632650	541150	492100	508200	493550	584050	536400	553250	491650	332850	542750	725550	6,434,150
	Intra	ACME Nalanda	2183040	2047950	1707480	1724940	1669860	1601640	1832130	1848690	1695060	1587600	1868310	2398500	22,165,200
	Intra	ACME Magadh	1521660	1423740	1193850	1216050	1169730	1145580	1300020	1215600	1187130	1122990	1315380	1694251	15,505,981
	Intra	Sunmark	1422900	1291200	1119120	994880	1056840	1030860	1232780	1086720	1023260	1011440	1342500	1571840	14,184,340
	Intra	Welspun-1	1554265	1327585	1122404	1089889	1166593	1202863	1306807	1180537	1061333	1066107	1362359	1690235	15,130,977
	Intra	Welspun-2	2231500	1959100	1690500	1606200	1730900	1658500	1958450	1677450	1581250	1559350	1977300	2439900	22,070,400
	Intra	Welspun-3	2325035	1992865	1681596	1650461	1786957	1793537	1976293	1779063	1611417	1615143	2047541	2546265	22,806,173
	Intra	Glatt	511067	458167	382700	395667	432600	446133	327267	313100	355633	327633	457833	569933	4,977,733
	Medium Term	central	PTC SKS	27616874	29865000	23415000	22912500	25688437	25348124	26111250	29700000	32904376	0	20226563	0
central		PTC JIPTL	51441596	44310948	49320474	48807948	58973511	59711250	61205000	48710120	51172111	47882304	46023180	51150000	618,708,442
Wind	central	SECI Orange	9499767	21887813	33383215	43090037	35594528	30029489	17568298	12780191	18898780	18519759	15198439	16309302	272,759,618
	central	SECI Vivid	5694461	12937993	19039585	24193239	21607124	16513163	8375513	4913030	7086893	7638865	6342378	6742289	141,084,533
	central	SECI Green	16500265	29381467	31131402	36867615	29712217	15845224	12156657	11068843	18135365	14870141	14670250	20091809	250,431,255
	central	SECI Alfnar	8580872	15650417	17059776	19066935	16466067	8110817	6935633	5441207	7627546	8172411	7933243	11766857	132,811,781
	central	SECI OSTRO	0	0	0	0	0	3676433	9777711	17404170	21735267	25134976	19891139	24582989	122,202,685
	central	PTC Green	5244446	11689930	17838696	21871100	18327991	15973739	9984067	6693461	9633215	9014635	7651830	8644687	142,567,797
	central	PTC Mytrah Vayu	4115650	9994972	14065570	17736498	15644559	13604170	7982993	5282633	5724165	5069670	4418461	5534170	109,173,511
	central	PTC OSTRO	10597620	16958085	17491404	20885048	15786572	9196954	8137528	8657252	12432889	11041007	9943563	13009217	154,137,139
	central	PTC Five Energy	7294493	13499293	13722165	16848835	13580754	6188967	4182352	2679352	4803585	9404804	11220072	26204061	129,628,733
	Siddhashram	Intra	Siddhashram	367100	135120	0	27900	0	0	0	0	0	291800	38220	860,140
Distillers	embedded	Distillers	1991980	1787320	1375460	429900	901420	1301360	1228440	529280	1812880	1854000	1753900	2086340	17,052,280
NEPAL	Intra	NEPAL	0	466720	2960	111280	4993920	8505920	35641568	480	960	960	480	2960	49,728,208
Transmission Charges		POSOCO													-
		PGCIL													-
		BSPTCL													-
		SLDC													-
		Bihar grid													-
		Sale through PTC IEX	-68594200	-178133211	-143687748	-56471415	-159648810	-95264870	-246102494	-534421110	-723039650	-661235168	-765351675	-385388877	
	Sale through PMC	0	0	0	0	0	0	0	0	0	-6599200	-204066000	-295952375		-506,617,575
	Grand Total	3295751679	2977385658	3.203E+09	3801712742	3711081075	3551821277	3040365671	2216347045	2376299761	2687562758	2323695279	3087181294		36,272,151,856

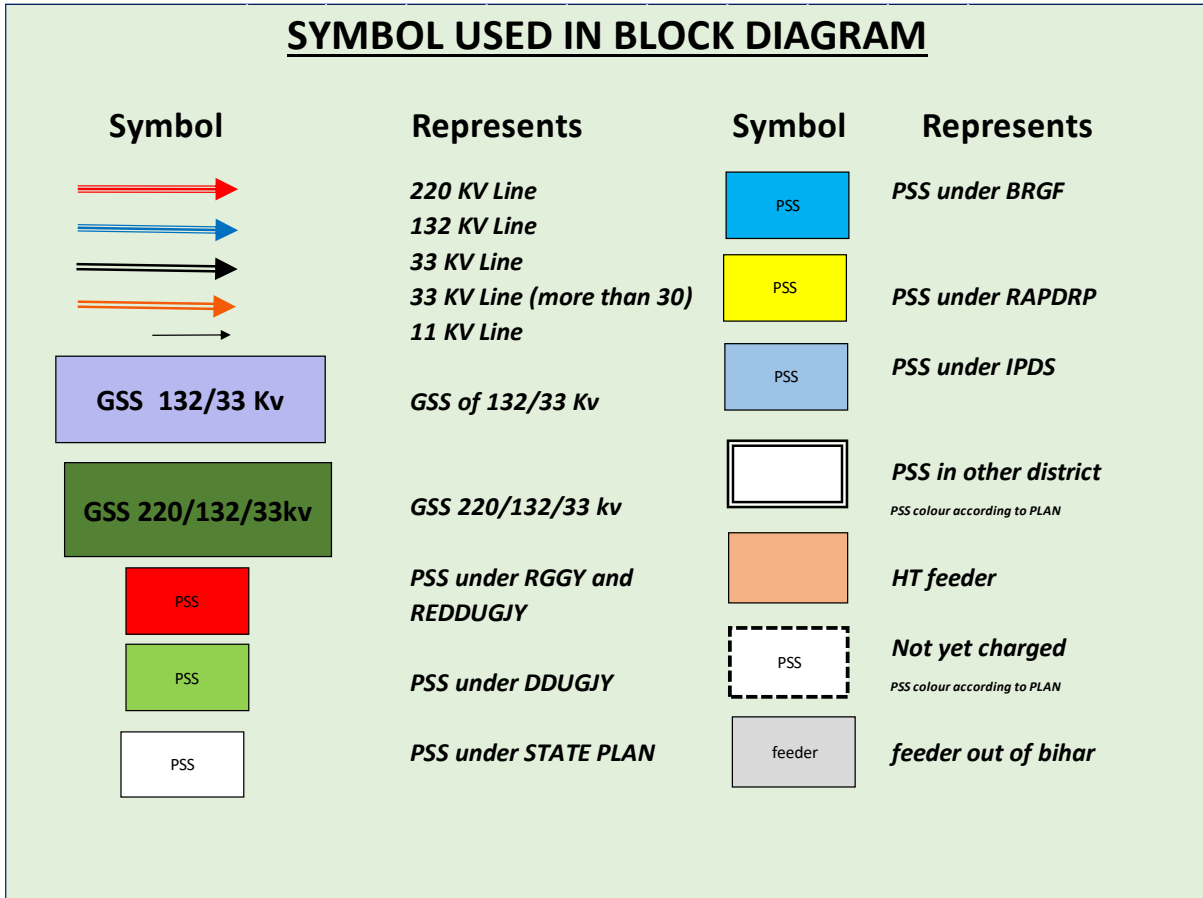
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		Plant	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	FY 2021-22
NTPC	Intra	BNTPS-1	0	1706890.045	5788123.716	10743036.93	2607838.419	0	4961612.817	0	0	0	5997681.141	0	31805183.07
	Intra	BNTPS-2	67023162.28	44912859.01	51466698.82	58568520.86	74060672.82	63473251.71	64719523.48	103356311.2	122088305.7	115664209	109550372	72379428.98	947263315.9
	central	Barh-1	0	0	0	0	0	0	0	60814652.76	83573760.12	97106277.12	30006725.99	81491717.58	352993133.6
	central	Barh-2	339168291.2	263403742.9	289242421.5	322296008.4	336226248	252514366.6	152259453.5	20337749.15	167187803.6	293249399.7	274370918.1	330547402.7	3040803805
	central	Darpali	22938583.52	21584702.71	25322729.88	29252047.83	29864407.59	52317195.23	48824688.4	50891557.34	20683749.3	46166446.61	38130377.18	60240055.51	446216541.1
	central	Farakka-1	87424360.04	121093388.2	113510995.4	117507733.9	79311735.77	76834302.55	85197438.38	101210085.5	109576977.8	115892210.1	121998335.7	130612671.7	1260170235
	central	Farakka-3	30900062.34	28533404.1	26481496.93	28986826.67	22738665.6	26964918.24	13795729.93	24276261.4	25735635.72	27289667.83	15491867.69	29563230.86	300757767.3
	central	Kahalgaoon-1	102218930.8	97179635.29	73041918.83	69883157.82	89339420.54	93958751.19	87773432.13	72853769.23	70682913.41	88860498.5	84185414.25	93776242.51	1023754085
	central	Kahalgaoon-2	23044896.83	22233299.11	20788225.4	22073565.5	16715591.35	13726426.28	14173754.93	18711628.01	18978169.19	20163725.47	16121485.85	15599643.16	222330411.1
	central	Talchar	84349752.57	115089891	114686665	118594704	125729595.8	114475737.2	118932069.2	113105309.5	52035117.32	84653497.82	116340603.4	126359632.6	1284352575
central	Korba	0	0	0	0	0	0	0	0	0	0	0	0	0	
NGPL	central	NGPL	155497913.7	154613255.9	160457925	182680168.8	270513084.4	260276944	272414922.2	242433401.8	315918863.5	264717591.7	315499182.4	357611395.9	2952634649
	BRBCL	central	BRBCL	21410600.63	19470410.66	18515758.18	15476022.39	16243191.93	11757621.32	16480730.69	18927263.76	24764025.62	25511405.38	21962015.66	27875475.39
NHPC	central	Rangit	2343978.546	3994543.7	580997.375	6709059.021	6544893.096	6652090.396	6871299.246	4471515.29	3157466.211	2335633.846	1424376.1	2363756.861	52678609.69
	central	Teesta	14101743.83	26784074.83	24912929.45	34860687.13	37622163.86	35739345.53	28860630.5	17684539.4	8742233.255	5572863.009	5229451.553	13462026.29	25372688.6
PTC	central	Chukka	4563378.516	18801464.2	38314231.55	37738997.45	39184255.02	35208278.73	38095585.74	20616826.18	8489957.844	265389.887	126411.6595	5699801.027	247104577.8
	central	Tala	0	22294597.35	53086436.73	57389117.18	65905705.17	59726281.04	46023260.27	17699073.85	441021.063	1120616.641	0	0	323686109.3
	central	Mangdechhu	18356666.48	42593627.55	66378697.43	71778512.91	82000574.18	81336211.34	49729459.28	26500451.78	18200148.33	569399.229	1233507.594	14394305.35	473071561.4
	central	IEX	188935205.9	96075017.09	92773612.6	195523419.5	126935280.7	130817462.1	89365732.48	3711937.597	4877303.837	2714496.523	12721181.54	9286987.192	953737637.1
Net UI	central	UI	30337292.11	16222105.97	-224205.583	8023086.551	3786612.575	8873179.48	21907067.19	-7714483.956	187802.517	-6183507.981	-5496549.811	1377718.223	71096117.28
gar M i l	Intra	HSM	0	0	0	0	0	0	41723.5	2225742.4	4104400.3	4439747.2	3965291.4	1316812	16093716.8
	Intra	BSM	0	0	0	0	0	0	0	394755.662	3130560.055	3478573.018	809169.053	0	7813057.788
	Intra	NSM	0	0	0	0	0	0	0	740294.1	1371978.72	1389392.55	1130495.94	360738.63	4992899.94
	Intra	Hasanpur	1508863.895	0	0	0	0	0	0	4355.75	890938.86	1764551.005	1712359.95	2180630.585	8061700.045
	Intra	Tirupati sugar	9.17	82.53	0	0	9.17	0	1017.87	847977.41	1247422.61	1759484.58	1491922.32	529576.67	5877502.33
	Intra	Riga	0	0	0	0	0	0	0	0	0	0	0	0	0
	Intra	HPCL (Sug)	0	0	0	0	0	0	0	1811890.213	2052086.901	160009.164	0	0	4023986.278
	Intra	HPCL (Lau)	0	0	0	0	0	0	0	1146982.225	2299757.597	1943143.633	116472.755	0	5506356.209
KBUNL	Intra	KBUNL	128001295	83524625.88	97624374.33	74630846.46	52190350.29	50146648.43	63320402.94	67195237.33	72916532.84	73367968.73	74207417.58	88763643.58	925889343.4
GMR	central	Kamalanga	77429646	77523655.46	67009545.75	73337877.38	70606134.38	82173745.5	77775584.25	76425301.75	63483336.88	71147451.4	60301117.63	74768397.38	871981793.7
Jindal	central	Jindal	65307914.7	64959333.2	66637110.33	69698625.33	61147417.84	66803564.63	43009812.58	72163507.57	71872758.51	63158364.91	60349988.68	24900396.36	730008794.6
BSHPC	Intra	Valmikinagar	0	0	55566.0735	640423.63	831529.6395	180704.02	656437.6595	0	0	0	0	4425.442	2369086.465
	Intra	Triveni	0	35105.9695	39391.1105	86788.0895	154726.7855	204562.9845	183788.808	0	12969.5895	120999.984	120944.5055	148684.6725	1107962.499
	Intra	Barun	0	0	48175.512	391060.6105	288277.7485	182711.333	286635.4015	0	0	0	0	0	1196860.606
	Intra	Dehari	0	0	0	113413.1845	135950.2935	139097.896	246672.083	38412.213	0	0	2235.646	170257.0975	846038.4135
	embedded	Agnoor	0	0	30935.912	72158.73	96294.17	128553.313	105379.3475	3467.6355	0	1278.7565	19646.725	2042.159	459756.7485
	embedded	Dhelabag	0	0	25922.2145	78819.3595	36501.6435	66068.016	47550.5765	0	0	2248.484	1513.967	6003.1405	264627.4015
	embedded	Nasriganj	0	0	10004.47	60634.791	76105.0395	105922.67	92565.1895	2760.17	0	14936.096	22541.2355	8097.5685	393567.23

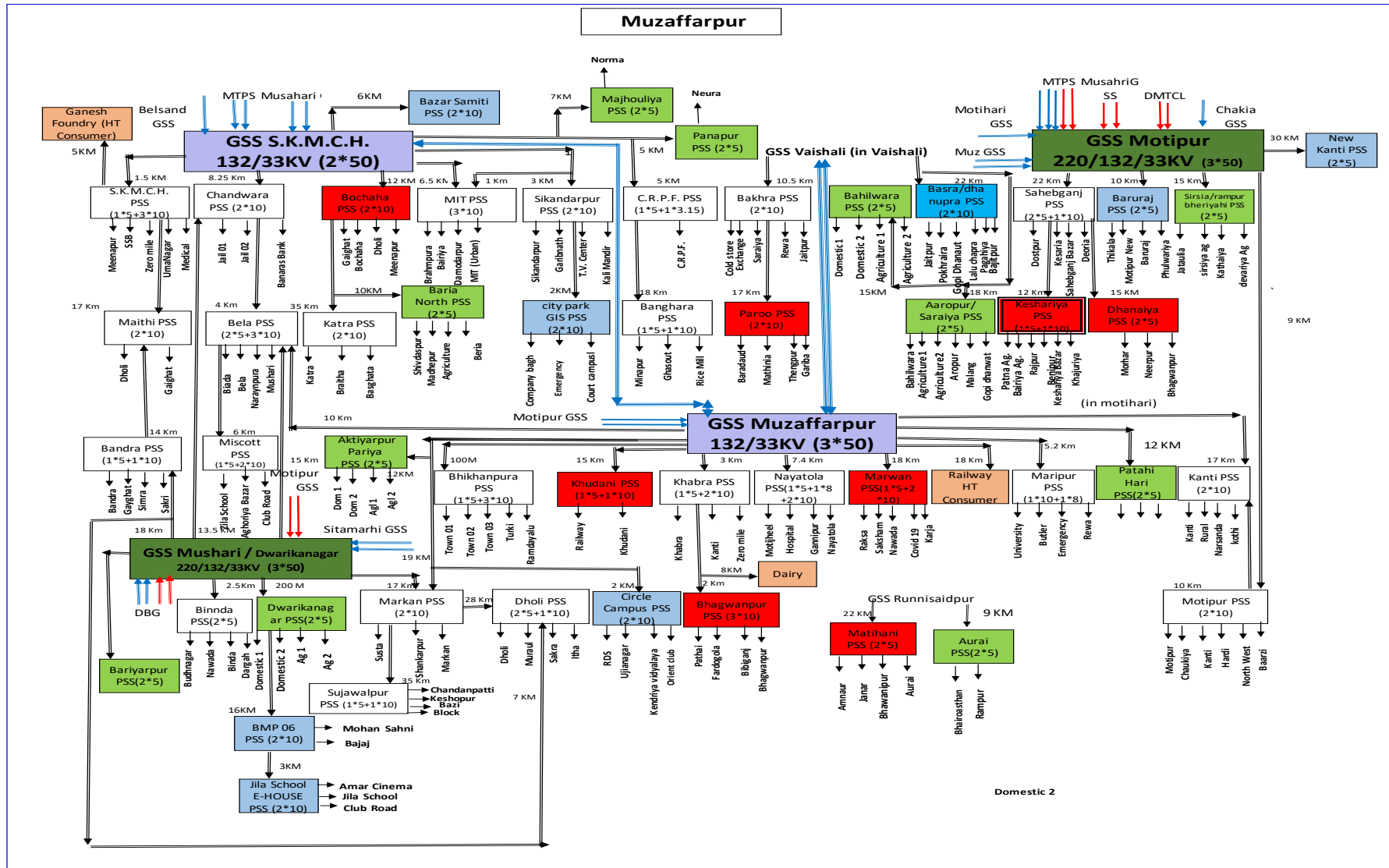
Annual Energy Audit Report – North Bihar Power Distribution Company Limited

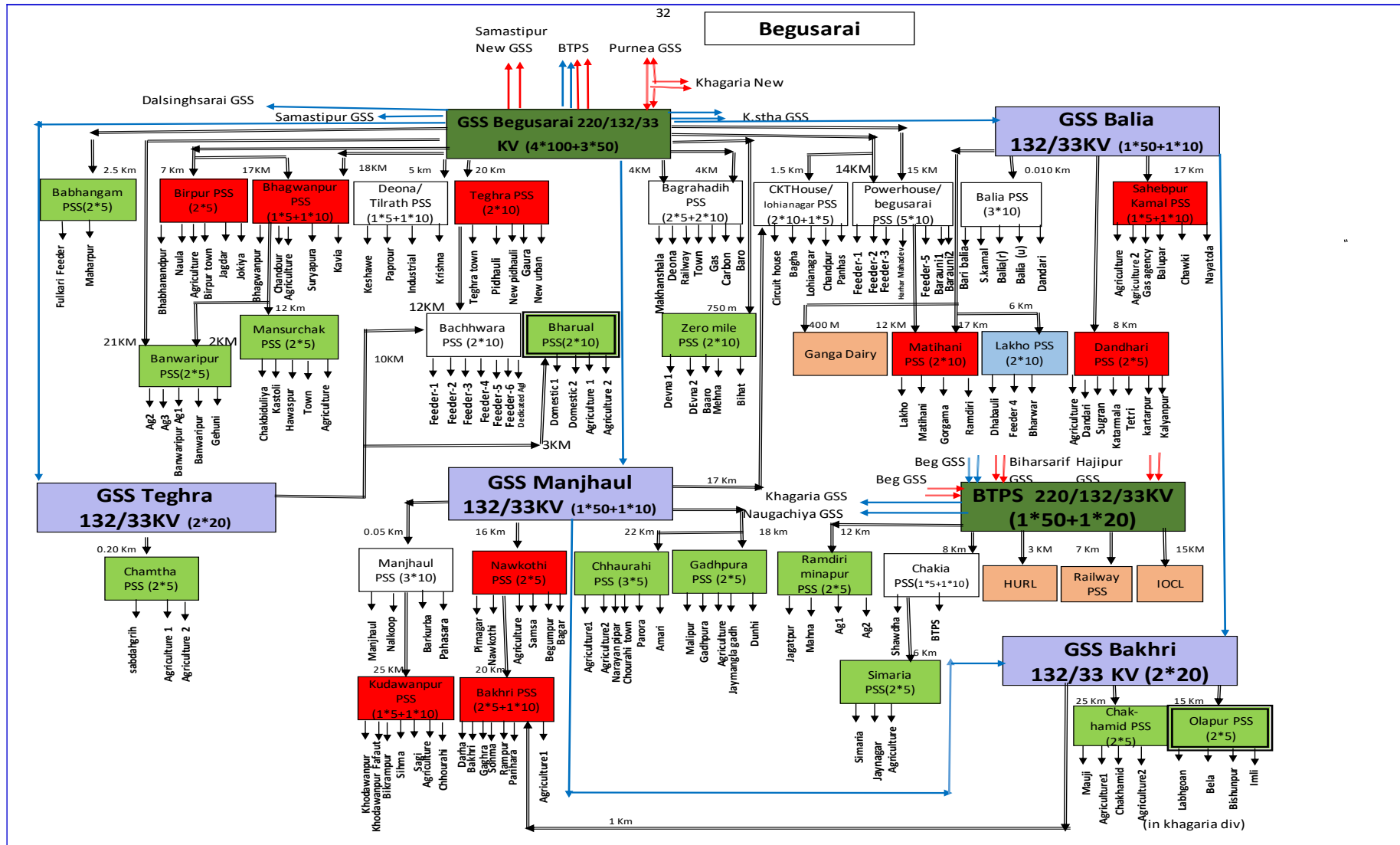
SOLAR	Intra	Jainagar	0	0	28165.655	55497.2985	42303.5025	53864.58	70041.8355	8932.9555	0	43262.6845	18170.355	14389.1055	334627.972
	central	NTPC SOLAR	0	0	6323135.445	29602616.93	30495001.44	22841863.86	30244883.73	27215726.91	25369083.31	26017372.05	28998138.32	34088004.59	261195826.6
	central	SECI (Trader)	751309.104	789100.9665	718748.7265	582879.129	439680.409	525830.725	704884.145	681500.645	625200.513	742865.8265	814793.4725	895262.9735	8272056.636
	central	SECI (Sun wav))	0	0	0	0	8193757.674	18959903	26221929.05	22932650.99	21894154.45	24575692.62	27212404.61	31951817.33	181942309.7
	central	SECI GRT Jewellers	0	0	0	0	0	0	0	0	0	0	0	71438.885	71438.885
	embedded	Udipta	304324.79	269918.95	222299.14	240529.1	241895.43	234651.13	256530.75	256512.41	237924.82	214944.8	274201.34	349606.25	3103338.91
	Intra	Responce	767131.4805	673719.9	582126.7305	598923.4195	661111.15	686618.8805	728816.4695	631171.1	585871.3	514834.5195	723543.7195	882689.0695	8036557.739
	embedded	Azure	609594.09	544487.09	323416.73	369477.64	386543.01	546752.08	480544.68	502479.32	481369.98	284526.76	514042.69	665283.5	5708517.57
	Intra	Alfa	1289137.857	1208727.961	1041281.469	1019088.693	1055602.258	1095140.088	1225405.899	1138324.828	1002588.654	964696.3795	1276773.946	1539885.088	13856653.12
	embedded	Avantika	290070.025	248117.275	225627.85	233009.7	226292.675	267786.925	245939.4	253665.125	225421.525	152611.725	248850.875	332664.675	2950057.775
	Intra	ACME Nalanda	1000923.84	938985.075	782879.58	790884.99	765630.81	734351.94	840031.605	847624.365	777185.01	727914.6	856620.135	1099712.25	10162744.2
	Intra	ACME Magadh	697681.11	652784.79	547380.225	557558.925	536321.205	525248.43	596059.17	557352.6	544299.105	514890.915	603101.73	776814.0835	7109492.289
	Intra	Sunmark	652399.65	592015.2	513116.52	456152.48	484561.14	472649.31	565229.63	498261.12	469164.71	463745.24	615536.25	720688.64	6503519.89
	Intra	Welspun-1	712630.5025	608697.7225	514622.234	499714.1065	534882.8905	551512.6855	599171.0095	541276.2145	486621.1805	488810.0595	624641.6015	774972.7475	6937552.955
	Intra	Welspun-2	1023142.75	898247.35	775094.25	736442.7	793617.65	760422.25	897949.325	769110.825	725003.125	714961.975	906592.05	1118694.15	10119278.4
Intra	Welspun-3	1066028.548	913728.6025	771011.766	756736.3685	819319.7845	822336.7145	906130.3405	815700.3855	738834.6945	740543.0655	938797.5485	1167462.503	10456630.32	
Intra	Glatt	234324.2195	210069.5695	175467.95	181413.3195	198347.1	204551.9805	150051.9195	143556.35	163057.7305	150219.7305	209916.4305	261314.2805	2282290.581	
Medium Term	central	PTC SKS	12662336.73	13693102.5	10735777.5	10505381.25	11778148.36	11622114.85	11972008.13	13617450	15086656.4	0	9273879.136	0	120946854.9
	central	PTC JIPTL	23585971.77	20316569.66	22613437.33	22378444.16	27039354.79	27377608.13	28062492.5	22333590.02	23462412.89	21954036.38	21101628.03	23452275	283677820.7
Wind	central	SECI Orange	4355643.17	10035562.26	15306204.08	19756781.96	16320091.09	13768520.71	8055064.633	5859717.574	8665090.63	8491309.502	6968484.282	7477814.967	125060284.9
	central	SECI Vivid	2610910.369	5932069.791	8729649.723	11092600.08	9906866.354	7571285.236	3840172.711	2252624.255	3249340.441	3502419.603	2907980.313	3091339.507	64687258.38
	central	SECI Green	7565371.503	13471402.62	14273747.82	16903801.48	13623051.49	7265035.204	5573827.235	5075064.516	8315064.853	6817959.649	6726309.625	9212094.427	114822730.4
	central	SECI Alfnar	3934329.812	7175716.195	7821907.296	8742189.698	7549691.72	3718809.595	3179987.731	2494793.41	3497229.841	3747050.444	3637391.916	5395103.935	60894201.59
	central	SECI OSTRO	0	0	0	0	0	1685644.531	4483080.494	7979811.945	9965619.92	11524386.5	9120087.232	11271300.46	56029931.07
	central	PTC Green	2404578.491	5359832.905	8179042.116	10027899.35	8403383.874	7323959.332	4577694.72	3068951.869	4416829.078	4133210.148	3508364.055	3963588.99	65367334.92
	central	PTC Mytrah Vayu	1887025.525	4582694.662	6449063.845	8132184.333	7173030.302	6237511.945	3660202.291	2422087.231	2624529.653	2324443.695	2025864.369	2537416.945	50056054.79
	central	PTC OSTRO	4859008.77	7775281.973	8019808.734	9575794.508	7238143.262	4216803.409	3731056.588	3969350.042	5700479.607	5062301.71	4559123.636	5964725.995	70671878.23
	central	PTC Five Energy	3344525.041	6189425.841	6291612.653	7725190.848	6226775.709	2837641.37	1917608.392	1228482.892	2202443.723	4312102.634	5144403.012	12014561.97	59434774.08
Siddhashram	Intra	Siddhashram	168315.35	61952.52	0	12792.15	0	0	0	0	0	0	133790.3	17523.87	394374.19
Distillers	embedded	Distillers	913322.83	819486.22	630648.41	197109.15	413301.07	596673.56	563239.74	242674.88	831205.48	850059	804163.15	956586.89	7818470.38
		UPPDCL	0	0	0	0	0	0	0	0	0	0	0	0	0
NEPAL	Intra	NEPAL	0	213991.12	1357.16	51021.88	2289712.32	3899964.32	16341658.93	220.08	440.16	440.16	220.08	1357.16	22800383.37
Transmission Charges		POSO CO	0	0	0	0	0	0	0	0	0	0	0	0	0
		PGCIL	0	0	0	0	0	0	0	0	0	0	0	0	0
		BSPTCL	0	0	0	0	0	0	0	0	0	0	0	0	0
		SLDC	0	0	0	0	0	0	0	0	0	0	0	0	0
		Bihar grid	0	0	0	0	0	0	0	0	0	0	0	0	0
		Sale through PTC	-31450440.7	-81674077.24	-65880832.46	-25892143.78	-73198979.39	-43678942.9	-112837993.5	-245032078.9	-331513679.5	-303176324.5	-350913743	-176700800.1	-1841950036
	Sale through PMC	0	0	0	0	0	0	0	0	0	0	-3025733.2	-93564261	-135694163.9	-232284158.1
	Grand Total	1511102145	1365131324	1468551482	1743085292	1701530673	1628510056	1394007660	1016195120	1089533440	1232247525	1065414285	1415472623	16630781626	

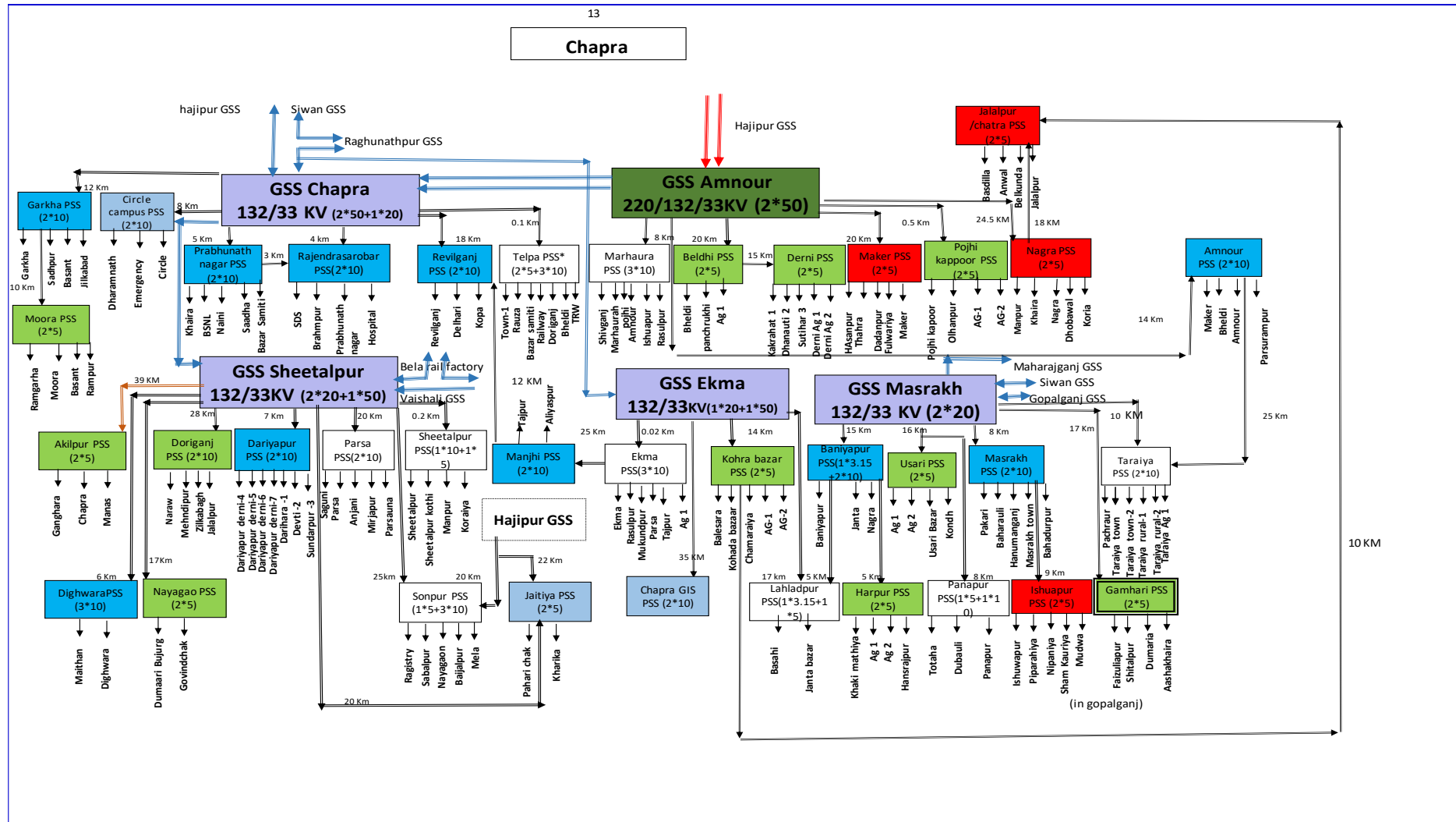
VII. Line Diagram (SLD)



Note: SLD of Some Divisions are given below







VIII. Category of service details

Type of consumers with different type of voltage & number of consumers are shown in below table:

S.No	Type of Consumers	Category of Consumers (EHT/HT/LT /Others)	Voltage Level (In Voltage)	No of Consumers	Total Consumption (In MU)
1	Domestic	LT	220	10415432	8485.991253
2	Commercial	LT	220	780690	1856.725863
3	IP Sets				
4	Hor. & Nur. & Coffee/Tea & Rubber (Metered)				
5	Hor. & Nur. & Coffee/Tea & Rubber (Flat)				
6	Heating and Motive Power				
7	Water Supply	LT			
8	Public Lighting	LT			
9	HT Water Supply				
10	HT Industrial	HT		1344	835.9626336
11	Industrial (Small)				
12	Industrial (Medium)				
13	HT Commercial				
14	Applicable to Government Hospitals & Hospitals				
15	Lift Irrigation Schemes/Lift Irrigation Societies				
16	HT Res. Apartments Applicable to all areas				
17	Mixed Load				
18	Government offices and department				
19	Others-1 (if any , specify in remarks)	LT	220	52933	347.164212
20	Others-2 (if any , specify in remarks)	LT	220	132548	467.4881938
21	Others-3 (if any , specify in remarks)				
22	Others-4 (if any , specify in remarks)				
23	Others-5 (if any , specify in remarks)				
	Total			11382947	11993.33

IX. Proforma

General Information			
1	Name of the DISCOM	North Bihar Power Distribution Company Limited	
2	i) Year of Establishment	2012	
	ii) Government/Public/Private	DIS0041BR	
3	DISCOM's Contact details & Address		
i	City/Town/Village	Third Floor, Vidyut Bhawan	
ii	District	Patna	
iii	State	Bihar	Pin 800001
iv	Telephone		Fax
4	Registered Office		
i	Company's Chief Executive Name	Mr. Prabhakar, IAS	
ii	Designation	Managing Director	
iii	Address	Third Floor, Vidyut Bhawan, Baily Road	
iv	City/Town/Village		P.O.
v	District		
vi	State		Pin
vii	Telephone	0612-2504044	Fax
5	Nodal Officer Details*		
i	Nodal Officer Name (Designated at DISCOM's)	Mr. Ajay Kumar	
ii	Designation	Chief Engineer (Energy Accounting)	
iii	Address	Third Floor, Vidyut Bhawan, Baily Road	
iv	City/Town/Village		P.O.
v	District		
vi	State	Bihar	Pin 800001
vii	Telephone	92644437183	Fax
6	Energy Manager Details*		
i	Name	Sri Himanshu	
ii	Designation	Revenue Officer	Whether EA or EM EM
iii	EA/EM Registration No.	17704	

iv	Telephone		Fax	
v	Mobile	7368800238	E-mail ID	ceeanbpdclpatna1@gmail.com
7	Period of Information			
	Year of (FY) information including Date and Month (Start & End)	1st April, 2021- 31th March, 2022		

X. List of Document Verified Documents

Form-Details of Input Infrastructure					
1	Parameters	Total	Covered during in audit	Verified by Auditor in Sample Check	Remarks (Source of data)
	Number of Circles	9			
i	Number of divisions	46			
iii	Number of sub-divisions	148			
iv	Number of feeders	3784			
v	Number of DTs	192298			
vi	Number of consumers	11382947			
2	Parameters	56kV and above	33kV	11/22kV	LT
a. i.	Number of conventional metered consumers	-	-	-	11,209,299
ii	Number of consumers with 'smart' meters	-	-	-	
iii	Number of consumers with 'smart prepaid' meters	-	-	-	162375
iv	Number of consumers with 'AMR' meters	754	754	1153	1424
v	Number of consumers with 'non-smart prepaid' meters	-	-	-	2505
vi	Number of unmetered consumers	-	-	-	6130
vii	Number of total consumers	754	754	1153	11387733
b.i.	Number of conventionally metered Distribution Transformers	-	-	-	110847
ii	Number of DTs with communicable meters	-	-	-	3161
iii	Number of unmetered DTs	-	-	-	78290
iv	Number of total Transformers	00	00	0	192298
c.i.	Number of metered feeders	247	247	1646	
ii	Number of feeders with communicable meters	403	403	1224	
iii	Number of unmetered feeders	98	98	166	
iv	Number of total feeders	0748	0748	3036	
d.	Line length (ct km)			304093.56	
e.	Length of Aerial Bunched Cables			111366	
f.	Length of Underground Cables			225	

4	Voltage level	Energy Sales Particulars	MU	Reference
		DISCOM' consumers	11,098	Include sales to consumers in franchisee areas, unmetered consumers
		Demand from open access, captive		Non-DISCOM's sales
		Embedded generation used at LT level		Demand from embedded generation at LT level
i	LT Level	Sale at LT level	11,098	
		Quantum of LT level losses	2,486	
		Energy input at LT level	13,584	Include sales to consumers in franchisee areas, unmetered consumers
		DISCOM' consumers	543	Non-DISCOM's sales
		Demand from open access, captive		Demand from embedded generation at 11KV level
		Embedded generation at 11 KV level used	543	
ii	11 KV Level	Sales at 11 KV level	47	
		Quantum of Losses at 11 KV	590	Include sales to consumers in franchisee areas, unmetered consumers
		Energy input at 11 KV level	231	Non-DISCOM's sales
		DISCOM' consumers		This is DISCOM and OA demand met via energy generated at same voltage level
		Demand from open access, captive		
		Embedded generation at 33 KV or below level	231	
iii	33 KV Level	Sales at 33 KV level	15	
		Quantum of Losses at 33 KV	245	Include sales to consumers in franchisee areas, unmetered consumers
		Energy input at 33KV level	122,0694	Non-DISCOM's sales
		DISCOM' consumers	185	
		Demand from open access, captive	631	
		Cross border sale of energy		
		Sale to other DISCOMs		
		Banking	1,074	
iv	> 33 KV	Energy input at > 33KV level	948	
		Sales at 66KV and above (EHV)	15,493	
		Total Energy Requirement	17,809	
		Total Energy Sales		


 STATE
 INTER
 CORP

Energy Accounting Summary					
	DISCOM	Input (in MU)	Sale (in MU)	Loss (in MU)	Loss %
5		13584	11,098	2,486	18.30%
i	LT	590	543	47	8.00%
ii	11 Kv	245.36	231	15	6.01%
iii	33 kv	1073.916	1,033	41	3.81%
iv	> 33 kv				
6	Open Access, Captive	Input	Sale	Loss	
i	LT				
ii	11 Kv				
iii	33 kv				
iv	> 33 kv				

Loss Estimation for DISCOM	
T&D loss	2,684
D loss	1,547
T&D loss (%)	17.33%
D loss (%)	9.98%

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 22/02/2019
 SES

201-25

Performance Summary of Electricity Distribution Companies	
1	Period of Information
2	1st April, 2021- 31th March, 2022
Technical Details	
(a) Energy Input Details	
(i) Input Energy Purchase	Million kwh
(ii) Net input energy (at DISCOM Periphery after adjusting the Total Energy billed (is the Net energy billed, adjusted for energy	Million kwh
(iii) Transmission and Distribution (T&D) loss Details	Million kwh
(b) Collection Efficiency	%
(c) Aggregate Technical & Commercial Loss	%

Note: AT&C losses is negative due to high Collection efficiency due to payments received against the billed energy of previous quarters.

I/We undertake that the information supplied in this Document and Pro-forma is accurate to the best of my knowledge and if any of the information supplied is found to be incorrect and such information result into loss to the Central Government or State Government or any of the authority under them or any other person affected, I/we undertake to indemnify such loss.

I Signatory and Seal

Chief Engineer
Sri Ajay Kumar
Energy Accounting
Power Distribution Company Limited
Bhubaneswar, Patna 800002

Signature:- Himanshu
Name of Energy Manager*: Sri Himanshu
Registration Number: 17704

Seal

Details of Division Wise Losses (See note below)**

S.No	Name of circle	Circle code	Name of Division	Consumer profile	No of connection metered	No of connection un-metered	Total Number of connections	% of number of connections	Connected Load (MW)	Connected Load Un-metered (MW)	Total Commercial Load (MW)	% of connected load	Total energy (MU)	Energy parameters			Losses			AT & C loss (%)
														Measured energy	Unmetered/loss account	Total energy	% T&D loss	% Energy	T&D loss (MU)	
1	Muzaffarpur	34	Muzaffarpur (E)	Residential	23900	0	23900	92%	175.51	0	175.50713	77%	201.64	201.639811	79%	127.04	127.04	108.22	85.19%	
				Agricultural	4845	9	4854	1%	9.51	0.02	9.53472	4%	31.79	31.79	31.79	31.79	31.79	31.79	100%	
				Commercial/Industrial/IT	14406	0	14406	0%	31.7037	0	31.7037	15%	26.96	26.96	26.96	26.96	26.96	26.96	100%	
2	Muzaffarpur	34	Muzaffarpur (W)	Residential	326224	0	326224	100%	227.68	0	227.68	100%	247.81	247.81	100%	179.39	179.39	179.39	100%	
				Agricultural	2587	2	2589	1%	5.68	0.01	5.69314	2%	48.14	48.14	48.14	48.14	48.14	48.14	100%	
				Commercial/Industrial/IT	18121	0	18121	0%	46.53	0	46.53	15%	47.43	47.43	47.43	47.43	47.43	47.43	100%	
3	Muzaffarpur	34	Muzaffarpur (U1)	Residential	61510	0	61510	100%	105.46	0	105.46	100%	485.14	485.14	100%	266.77	266.77	266.77	100%	
				Agricultural	13	0	13	0%	0.02	0	0.02	0%	0.00	0.00	0.00	0.00	0.00	0.00	0%	
				Commercial/Industrial/IT	20500	0	20500	25%	51.47	0	51.47	29%	49.33	49.33	49.33	49.33	49.33	49.33	100%	
4	Muzaffarpur	34	Muzaffarpur (U2)	Residential	31605	0	31605	100%	181.81	0	181.81	100%	332.09	332.09	100%	202.85	202.85	202.85	100%	
				Agricultural	2100	6	2106	1%	9.87	0.03	9.90417	2%	31.01	31.01	31.01	31.01	31.01	31.01	100%	
				Commercial/Industrial/IT	15120	0	15120	10%	38.70	0	38.69956	18%	29.81	29.81	29.81	29.81	29.81	29.81	100%	
5	Muzaffarpur	34	Saranam	Residential	158245	0	158245	100%	217.29	0	217.29	100%	388.34	388.34	100%	224.48	224.48	224.48	100%	
				Agricultural	4	4	8	0%	4.52	0.01	4.53296	2%	355.23	355.23	355.23	355.23	355.23	355.23	100%	
				Commercial/Industrial/IT	158971	0	158971	8%	58.96	0	58.95847	27%	9.91	9.91	9.91	9.91	9.91	9.91	100%	
6	Muzaffarpur	34	Sodra	Residential	51662	0	51662	100%	265.35	0	265.35	100%	355.23	355.23	100%	218.27	218.27	218.27	100%	
				Agricultural	150	0	150	0%	2.89	0.01	2.87794	1%	127.58	127.58	127.58	127.58	127.58	127.58	100%	
				Commercial/Industrial/IT	5485	0	5485	6%	14.39	0.00	14.2883	20%	8.21	8.21	8.21	8.21	8.21	8.21	100%	
7	Muzaffarpur	34	Papai	Residential	218	0	218	100%	1.10	0	1.10	100%	327.58	327.58	100%	202.85	202.85	202.85	100%	
				Agricultural	297018	0	297018	91%	70.45	0.40	70.8554	28%	127.58	127.58	127.58	127.58	127.58	127.58	100%	
				Commercial/Industrial/IT	18773	0	18773	6%	4.00	0.05	4.05045	2%	327.58	327.58	327.58	327.58	327.58	327.58	100%	
8	Muzaffarpur	34	Muzaffarpur	Residential	1286	0	1286	100%	1.75	0.12	1.87054	2%	196.64	196.64	100%	127.58	127.58	127.58	100%	
				Agricultural	251900	0	251900	91%	18.37	0.01	18.38079	7%	327.58	327.58	327.58	327.58	327.58	327.58	100%	
				Commercial/Industrial/IT	18773	0	18773	6%	4.00	0.05	4.05045	2%	196.64	196.64	196.64	196.64	196.64	196.64	100%	
9	Muzaffarpur	34	Muzaffarpur	Residential	319021	0	319021	100%	218.27	0	218.27	100%	296.64	296.64	100%	181.81	181.81	181.81	100%	
				Agricultural	87	0	87	0%	4.66	0.72	5.38126	2%	466.57	466.57	466.57	466.57	466.57	466.57	100%	
				Commercial/Industrial/IT	251900	0	251900	91%	18.37	0.01	18.38079	7%	296.64	296.64	296.64	296.64	296.64	296.64	100%	
10	Muzaffarpur	34	Muzaffarpur	Residential	371527	0	371527	100%	247.95	0	247.95	100%	466.57	466.57	100%	296.64	296.64	296.64	100%	
				Agricultural	24855	0	24855	1%	6.79	0.29	7.08059	4%	466.57	466.57	466.57	466.57	466.57	466.57	100%	
				Commercial/Industrial/IT	15003	0	15003	3%	8.55	0.28	8.83002	2%	466.57	466.57	466.57	466.57	466.57	466.57	100%	
11	Muzaffarpur	34	Muzaffarpur	Residential	1142	0	1142	100%	2.37	0.33	2.70057	2%	232.53	232.53	100%	181.81	181.81	181.81	100%	
				Agricultural	394067	0	394067	100%	187.63	1.1321	188.76214	71%	466.57	466.57	466.57	466.57	466.57	466.57	100%	
				Commercial/Industrial/IT	272405	0	272405	91%	158.26	0	158.26009	21%	232.53	232.53	232.53	232.53	232.53	232.53	100%	
12	Muzaffarpur	34	Muzaffarpur	Residential	272405	0	272405	100%	158.26	0	158.26	100%	232.53	232.53	100%	181.81	181.81	181.81	100%	
				Agricultural	3212	13	3225	1%	6.85	0.02	6.87098	3%	466.57	466.57	466.57	466.57	466.57	466.57	100%	
				Commercial/Industrial/IT	16539	0	16539	7%	43.76	0	43.76459	20%	232.53	232.53	232.53	232.53	232.53	232.53	100%	
13	Muzaffarpur	34	Muzaffarpur	Residential	24413	0	24413	100%	3.55	0.28	3.83002	2%	315.37	315.37	100%	181.81	181.81	181.81	100%	
				Agricultural	272405	0	272405	91%	158.26	0	158.26009	21%	466.57	466.57	466.57	466.57	466.57	466.57	100%	
				Commercial/Industrial/IT	251900	0	251900	91%	18.37	0.01	18.38079	7%	315.37	315.37	315.37	315.37	315.37	315.37	100%	
14	Muzaffarpur	34	Muzaffarpur	Residential	24575	0	24575	100%	6.06	0.50	6.56006	2%	546.47	546.47	100%	327.58	327.58	327.58	100%	
				Agricultural	3117	0	3117	1%	73.80	0	73.79954	18%	546.47	546.47	546.47	546.47	546.47	546.47	100%	
				Commercial/Industrial/IT	1604	0	1604	1%	5.39	0.06	5.45048	1%	546.47	546.47	546.47	546.47	546.47	546.47	100%	

AP

Consumer Category (Separate for each subsidized consumer category)	Billed Energy		
	Metered	Un-metered	Total
	(in Kwh)		
1	2	3	4=2+3
Residential			
Kutir Jyoti	2,66,33,89,058	-	2,66,33,89,058
DS I Rural	3,91,15,45,343	-	3,91,15,45,343
DS II Demand Based	1,91,15,23,466	-	1,91,15,23,466
Agriculture			
IAS-I (METERED)	35,78,39,690	-	35,78,39,690
IAS-I (UN-METERED)	-	59,14,641	59,14,641
IAS-II	10,37,33,863	-	10,37,33,863
Commercial/Industrial-LT			
NDS-I	34,14,93,487	-	34,14,93,487
NDS-II	1,14,23,71,683	-	1,14,23,71,683
LTIS			
LTIS I (0-19 kW)	33,85,81,061	-	33,85,81,061
LTIS II (>19 kW - 74 kW)	3,38,09,631	-	3,38,09,631
	-	-	-
Commercial/Industrial-HT			
HTS-I	48,32,85,179	-	48,32,85,179
HTS-II	18,77,23,885	-	18,77,23,885
HTS-III	5,45,22,935	-	5,45,22,935
HTS-IV	-	-	-
HTSS	4,28,84,100	-	4,28,84,100
RTSS	6,75,46,534	-	6,75,46,534
	-	-	-
Other (Specify)			
Har Ghar Nal	18,77,71,722	-	18,77,71,722
Public Water Works	5,94,95,023	-	5,94,95,023
Street light-I	1,08,45,078	-	1,08,45,078
Street light-II	-	8,90,52,389	8,90,52,389
	-	-	-
Total	11,89,83,61,739	9,49,67,030	11,99,33,28,769

Sonali Prasad
8-8-22

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(Details of Consumers)						
Summary of Energy						
1st Jan, 2022- 31th March, 2022						
S.No	Type of Consumers	Category of Consumers (EHT/HT/LT/Others)	Voltage Level (In Voltage)	No of Consumers	Total Consumption (In MU)	Remarks (Source of data)
1	Domestic	LT	220	10415432	8485.991253	
2	Commercial	LT	220	780690	1856.725863	
3	IP Sets					
4	Hor. & Nur. & Coffee/Tea & Rubber (Metered)					
5	Hor. & Nur. & Coffee/Tea & Rubber (Flat)					
6	Heating and Motive Power					
7	Water Supply	LT				
8	Public Lighting	LT				
9	HT Water Supply					
10	HT Industrial	HT		1344	835.9626336	
11	Industrial (Small)					
12	Industrial (Medium)					
13	HT Commercial					
14	Applicable to Government Hospitals & Hospitals					
15	Lift Irrigation Schemes/Lift Irrigation Societies					
16	HT Res. Apartments Applicable to all areas					
17	Mixed Load					
18	Government offices and department					
19	Others-1 (if any , specify in remarks)	LT	220	52933	347.164212	
20	Others-2 (if any , specify in remarks)	LT	220	132548	467.4881938	Agriculture
21	Others-3 (if any , specify in remarks)					
22	Others-4 (if any , specify in remarks)					
23	Others-5 (if any , specify in remarks)					
Total				11382947	11993.33	

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Amount BILLED FY 2021-22

Sl. NO.	Name of Division	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	2021-22
1	Muz-(E)	9.72	12.91	11.23	12.52	11.86	16.99	15.85	17.93	18.54	13.98	13.34	24.53	179.39
2	Muz-(W)	14.78	15.56	15.93	16.58	18.63	23.93	23.14	24.16	21.79	21.17	25.11	46.00	266.77
3	Muz-(U1)	14.24	15.14	16.11	16.43	19.70	22.70	20.73	18.28	13.86	15.23	14.46	15.06	201.95
4	Muz-(U2)	17.54	15.01	18.37	19.06	21.86	21.39	21.97	20.51	19.17	16.89	14.57	17.84	224.19
5	Siamaahi	22.82	11.53	14.54	12.67	9.46	22.85	20.83	20.41	21.84	20.56	19.32	45.09	241.91
6	Seohar	2.81	3.44	6.06	4.44	4.55	6.73	5.61	8.61	8.06	5.82	9.27	12.90	78.28
7	Pupri	10.27	9.97	9.73	12.93	13.69	13.75	14.83	13.56	17.82	15.06	15.59	33.27	180.50
8	Mothari	13.23	15.28	14.89	13.45	14.99	26.27	19.32	17.59	18.32	21.21	17.97	29.09	221.57
9	Bettiah	19.37	21.83	22.30	20.43	21.90	34.65	21.28	27.14	26.86	29.40	25.24	31.03	301.42
10	Bagaha	7.48	1.09	12.21	9.24	8.35	14.85	16.44	13.17	11.49	10.65	23.73	11.78	140.48
11	Raxaul	11.64	11.70	14.31	12.48	12.53	27.20	15.47	14.38	16.12	16.12	16.20	25.60	193.74
12	Chakia	9.67	11.54	13.01	13.55	10.19	17.05	17.53	18.50	24.38	15.08	17.50	26.09	194.10
13	Chapra-(E)	15.76	18.89	20.82	22.18	22.80	37.98	23.73	25.50	25.48	24.43	26.77	33.85	298.18
14	Chapra-(W)	15.79	4.22	38.24	25.19	17.55	67.31	26.14	22.14	22.33	20.45	21.77	32.20	269.05
15	Siwan	14.73	16.67	16.56	18.29	13.11	28.70	23.66	26.11	24.02	20.74	25.80	31.90	260.29
16	Gopalganj	8.53	14.38	12.20	12.74	12.36	21.01	16.25	13.71	12.00	12.63	13.03	29.45	178.30
17	Mahisajganj	10.11	13.82	12.15	13.11	11.77	19.29	18.50	18.94	14.89	16.80	15.26	17.83	182.48
18	Mirganj	7.45	11.71	14.77	14.36	13.56	27.76	26.42	30.31	13.67	15.46	24.68	22.44	222.57
19	Dorabhangs-(U)	12.64	9.32	13.68	13.34	2.76	34.75	12.08	11.27	16.48	13.01	12.19	12.46	163.99
20	Barhanganj-(W)	16.09	13.70	17.61	17.97	17.75	19.08	19.37	18.46	16.32	18.18	15.65	27.08	217.86
21	Madhubani	16.63	11.86	17.54	17.57	15.96	23.75	17.93	19.14	18.10	19.61	11.48	18.09	211.61
22	Jhanjharpur	9.72	9.31	10.78	12.55	12.36	15.23	13.05	11.53	12.35	12.61	11.48	13.46	144.42
23	Jamnagar	8.88	7.86	9.68	12.20	10.73	9.90	9.39	9.75	8.14	8.31	7.69	8.92	111.44
24	Bempur	14.03	18.18	14.89	13.18	15.65	16.65	16.27	20.12	8.10	12.62	11.70	13.48	174.88
25	Samastipur	17.78	13.75	23.15	21.16	18.98	26.89	24.91	19.50	17.48	19.10	19.08	25.99	247.79
26	Dalsingarai	11.00	10.05	15.04	8.75	14.60	15.77	14.37	12.57	12.44	10.12	9.75	12.16	146.64
27	Rosera	8.33	1.38	14.30	11.51	11.38	16.43	12.16	10.19	8.51	7.81	8.52	8.23	118.75
28	Hajipur	60.77	22.76	25.83	24.21	19.21	40.85	28.59	25.25	27.63	26.27	21.50	70.83	393.69
29	Mahua	11.37	12.60	16.00	16.70	16.83	18.46	19.11	18.72	16.03	17.96	19.45	45.20	228.42
30	Regusarai	14.85	20.35	19.97	16.60	15.89	31.49	34.19	22.96	24.60	19.12	20.27	33.33	273.62
31	Barauni	11.86	14.95	14.29	14.68	16.75	17.78	18.90	17.40	13.03	13.62	14.31	23.57	191.14
32	Khagaria	7.79	16.65	12.68	13.23	11.31	18.73	18.44	15.98	13.96	16.10	12.41	14.73	172.00
33	Purnea-(E)	12.75	10.00	17.76	14.75	15.96	22.47	21.94	26.27	22.02	17.12	15.50	22.52	219.06
34	Purnea-(W)	13.88	5.28	20.60	18.05	14.95	34.23	20.25	15.61	19.20	19.60	21.96	23.42	227.03
35	Katihar	14.59	11.40	15.38	15.69	9.91	25.66	23.35	13.99	14.49	15.33	16.50	27.89	204.19
36	Barsoi	5.26	3.85	9.61	8.37	12.05	20.74	10.44	12.13	8.02	10.54	8.62	18.11	125.38
37	Kishanganj	2.26	11.46	7.18	7.29	5.10	13.41	8.63	6.10	14.46	10.54	7.52	9.00	102.96
38	Araria	8.76	8.81	11.50	11.05	9.07	41.79	13.58	15.95	21.88	15.28	12.78	12.08	182.53
39	Forbesganj	7.95	8.32	11.00	10.29	7.79	11.55	9.05	8.66	9.82	10.04	9.92	12.48	116.88
40	Bhadrganj	7.82	7.59	9.10	9.26	9.75	12.89	14.45	10.38	11.93	10.68	10.06	10.22	124.13
41	Saharsa	8.25	9.80	9.86	7.99	9.53	19.28	13.98	11.16	8.21	14.29	11.10	15.85	139.30
42	Madhepura	6.88	11.14	10.06	8.85	8.60	14.60	11.75	10.56	12.58	8.90	8.91	20.84	133.67
43	Supaul	5.14	10.33	7.38	11.87	8.72	13.67	10.53	9.94	9.11	11.00	10.44	11.35	119.49
44	Raghoor	6.66	6.97	5.93	13.63	12.56	12.27	11.34	11.01	17.89	11.85	11.39	13.32	134.82
45	Siroti Bakhtiyarpur	3.73	7.29	7.00	4.12	10.05	5.35	5.99	5.54	5.74	6.32	5.58	9.57	76.29
46	Udakhungan	4.00	6.94	2.67	6.38	6.09	5.82	6.37	5.53	11.10	12.86	6.00	16.12	89.87
	TOTAL	556.21	526.56	653.90	630.90	599.15	1,009.52	788.09	702.32	730.29	698.08	695.30	1,036.27	8,627.00

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COLLECTION FY 2021-22

Sl. NO.	Name of Division	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	2021-22
1	Muz-(E)	8.01	9.02	9.28	10.29	10.14	14.47	13.27	15.24	15.53	13.50	13.73	25.26	157.74
2	Muz-(W)	12.09	11.03	13.56	13.96	15.71	20.93	20.04	20.55	18.75	18.90	22.47	42.00	229.51
3	Muz-(U1)	12.29	11.21	15.68	16.38	15.70	20.47	19.05	15.95	17.41	18.90	15.22	22.31	200.57
4	Muz-(U2)	14.53	12.36	15.86	18.37	17.70	22.49	21.30	18.73	20.19	18.46	20.09	21.08	221.17
5	Siamarhi	10.52	11.73	10.67	12.17	10.67	18.73	17.06	16.20	17.59	17.00	19.27	30.53	190.91
6	Soohar	2.23	3.76	3.90	3.65	3.98	5.37	4.48	5.25	5.88	5.78	7.49	12.53	62.31
7	Puri	8.48	6.71	6.21	11.14	12.27	13.40	13.40	11.47	14.28	13.07	14.62	27.81	154.19
8	Monthari	10.35	9.57	11.05	11.88	12.65	20.12	17.15	14.63	16.29	17.72	17.77	26.12	184.78
9	Bertah	13.21	14.19	16.56	17.03	16.99	22.70	20.07	19.46	21.02	22.77	21.91	31.64	238.08
10	Baghla	5.83	1.59	8.38	7.83	7.27	10.83	12.62	10.65	10.65	10.82	13.20	11.76	111.26
11	Raxaul	8.70	8.40	11.50	10.53	11.18	15.23	14.26	13.36	13.89	14.07	14.20	20.59	154.90
12	Chakia	7.67	7.60	9.09	9.43	8.05	15.17	14.53	14.49	16.85	17.05	14.88	22.35	157.19
13	Chopra-(E)	13.01	13.02	16.71	20.71	20.84	26.99	27.13	23.63	23.46	23.42	24.93	34.83	268.67
14	Chopra-(W)	12.30	9.80	10.36	24.32	16.26	37.43	24.39	20.80	20.95	18.46	20.66	20.66	269.00
15	Siwan	11.69	11.79	14.43	15.97	12.17	22.40	20.59	19.66	21.18	20.75	23.07	28.69	222.39
16	Gopalganj	2.11	8.96	9.95	11.46	10.51	14.85	14.83	11.64	12.00	12.32	13.92	22.72	150.27
17	Maharajganj	8.13	9.60	10.15	10.81	10.15	16.61	15.45	14.58	13.59	15.94	15.70	21.44	162.15
18	Mirganj	6.50	7.02	11.95	12.22	11.84	19.27	18.97	22.26	12.73	13.84	13.21	21.33	175.39
19	Darbhanga-(U)	10.64	10.51	13.11	13.96	5.72	22.16	17.47	14.09	13.18	12.62	13.21	10.82	157.48
20	Darbhanga-(R)	13.32	10.94	15.25	16.71	16.78	18.88	19.15	16.68	17.14	17.63	17.32	27.43	205.14
21	Madhubani	14.11	10.98	16.57	16.14	15.29	19.64	18.61	18.22	18.02	19.08	17.22	21.28	207.23
22	Jiujharpur	8.40	6.02	9.23	11.45	11.53	13.67	12.41	10.63	12.49	12.69	13.33	18.46	141.46
23	Janagar	7.77	6.63	8.47	9.53	11.05	10.90	10.02	9.42	9.09	9.23	12.07	11.35	113.35
24	Benipur	11.86	13.44	12.35	15.25	15.03	16.02	16.36	17.92	12.77	13.55	14.12	17.38	176.04
25	Samsatpur	15.12	11.19	19.84	20.55	18.35	23.03	23.46	19.20	18.75	19.43	20.19	28.58	237.70
26	Dalsingarai	10.27	8.87	13.82	13.90	13.71	15.72	15.00	12.67	12.90	11.68	12.17	16.84	157.57
27	Rosera	8.11	2.25	13.38	11.34	11.47	32.08	30.85	26.65	29.15	9.02	10.11	12.53	125.41
28	Hajipur	20.25	18.77	24.82	25.31	21.00	24.82	30.85	26.65	29.15	26.76	28.32	35.48	319.44
29	Mahua	11.45	9.91	14.71	16.05	16.08	18.78	18.67	19.43	18.23	18.58	21.28	42.28	225.44
30	Bogusarai	14.60	15.88	17.80	18.99	17.42	25.04	24.57	22.19	21.83	20.71	22.39	33.54	254.95
31	Barauni	11.14	11.00	13.47	14.20	16.24	17.79	17.60	15.24	14.63	15.14	15.93	23.40	185.79
32	Khagaria	7.10	11.64	11.99	14.88	11.20	17.31	17.75	13.72	14.29	16.29	14.54	19.94	170.68
33	Purnea-(E)	11.80	10.16	16.37	16.21	15.68	21.47	20.86	20.58	20.64	20.49	21.58	29.54	225.38
34	Purnea-(W)	13.87	10.93	19.46	19.20	16.12	27.44	21.79	15.86	20.69	20.68	22.47	26.55	235.07
35	Katihar	12.17	10.65	14.54	15.43	11.68	21.31	23.01	15.04	16.97	17.74	18.93	25.27	202.72
36	Barsoi	5.51	4.07	9.37	8.59	11.20	17.04	11.56	10.77	9.64	9.65	10.87	19.37	127.66
37	Kishanganj	5.85	4.52	6.94	7.89	5.73	11.06	9.68	4.10	8.93	12.31	8.03	11.40	96.44
38	Araria	8.18	7.04	10.01	10.47	10.03	16.30	12.90	12.41	17.80	15.77	14.98	16.78	152.66
39	Foebaganj	7.39	6.79	10.34	9.66	8.51	10.37	9.50	8.33	11.02	10.93	10.70	13.85	119.39
40	Bhadiganj	6.60	6.05	7.85	7.77	9.37	13.54	13.14	10.92	11.42	11.18	10.35	13.99	122.16
41	Saharsa	7.47	7.08	8.98	8.34	8.56	14.88	14.33	10.87	12.23	12.25	14.53	18.00	137.43
42	Madhepura	5.85	7.08	7.23	7.89	8.32	11.83	11.22	9.84	10.51	9.39	11.74	20.65	121.55
43	Supaul	4.67	6.95	7.52	10.90	9.13	13.03	12.00	9.60	10.28	11.93	12.60	14.58	123.18
44	Raghopur	5.22	5.49	5.13	11.88	11.56	12.40	11.65	10.64	14.10	11.28	12.59	19.61	131.55
45	Siroti Bakhtiyarpur	3.49	4.45	5.61	4.17	10.16	6.95	6.12	5.41	6.23	6.20	7.16	11.61	77.56
46	Udakhungam	3.82	5.21	3.31	6.43	6.53	6.81	7.02	5.83	8.80	6.74	7.22	17.44	85.14
	TOTAL	438.22	409.17	564.12	600.75	567.53	810.45	747.57	664.83	693.37	691.42	723.62	1,034.98	7,946.04


Dr. Anshu Kumar

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DIVISION WISE INPUT ENERGY (FY 2021-22) (MU)

S/NO	CIRCLE	DIVISION	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	GRAND TOTAL (DIVISION WISE)
1	KISHANGANJ	FORBISGANJ	15.133	14.782	18.366	17.691	23.649	21.061	17.823	12.594	13.151	14.564	11.868	16.019	196.700
2	KISHANGANJ	Araria	22.990	20.141	25.961	31.051	32.287	31.202	24.717	15.457	15.878	18.180	15.005	22.830	275.700
3	KISHANGANJ	KISHANGANJ	10.276	8.970	11.616	13.083	12.688	13.777	11.002	6.788	7.158	8.443	7.363	11.431	122.545
4	KISHANGANJ	Bahadurganj	17.419	16.625	17.103	20.116	20.376	15.907	15.907	11.245	11.739	12.965	12.046	11.431	191.340
5	BEGUSARAI	BEGUSARAI	37.786	35.824	42.274	52.187	52.036	48.686	42.143	29.874	29.569	32.265	25.776	38.823	467.243
6	BEGUSARAI	BARAUNI	32.014	31.377	33.483	31.448	31.005	29.974	25.620	17.374	17.961	19.280	15.954	21.169	306.659
7	BEGUSARAI	KHAGARIA	28.695	27.063	32.537	35.866	34.733	33.095	29.374	19.372	18.311	20.043	16.619	27.013	322.742
8	PURNEA	KATHIHAR	34.982	30.646	37.735	43.098	41.877	41.268	35.234	22.615	22.887	25.484	21.194	33.551	390.572
9	PURNEA	BARSOI	20.760	16.098	21.228	25.214	23.856	24.538	18.938	10.897	11.136	13.348	11.835	20.362	218.210
10	PURNEA	PURNEA EAST	28.496	26.406	32.444	34.547	35.738	35.699	29.392	19.271	20.768	21.825	18.258	26.872	329.217
11	PURNEA	PURNEA WEST	30.858	28.866	36.889	41.760	42.358	41.802	34.042	22.527	22.081	24.428	20.183	30.002	375.297
12	CHAPRA	GOPALGANJ	23.637	23.926	26.859	30.599	30.731	29.200	24.745	16.190	16.779	20.359	15.579	17.350	275.953
13	CHAPRA	MIRGANJ	29.023	34.149	38.557	37.326	37.022	47.010	38.878	20.899	22.451	27.399	22.104	28.354	359.055
14	CHAPRA	SIWAN	36.844	39.751	45.204	48.227	50.222	47.010	38.878	27.859	26.695	34.552	27.560	36.498	459.300
15	CHAPRA	MAHARAJGANJ	30.612	28.822	31.281	37.812	35.243	31.764	28.423	20.015	16.186	22.955	20.709	25.968	329.789
16	CHAPRA	CHAPRA EAST	42.644	42.749	49.915	56.518	50.036	53.496	47.782	35.039	36.958	41.726	34.543	42.845	534.249
17	CHAPRA	CHAPRA WEST	48.361	48.004	52.144	60.092	57.020	55.404	48.119	32.068	32.239	38.845	30.738	43.436	546.470
18	DARBHANGA	DARBHANGA URBAN	19.045	17.535	20.628	23.879	23.729	24.256	20.611	13.281	13.415	15.672	11.762	14.267	217.579
19	DARBHANGA	DARBHANGA RURAL	34.214	34.159	40.505	45.138	46.633	43.700	34.880	24.479	22.583	26.816	22.362	34.646	410.115
20	DARBHANGA	BENIPIUR	23.498	22.969	28.451	29.672	29.960	27.963	24.897	13.801	13.232	15.739	13.164	20.291	263.636
21	DARBHANGA	MADHUBANI	30.078	28.362	34.292	37.312	38.151	36.572	32.755	21.571	21.415	22.801	19.484	28.078	350.871
22	DARBHANGA	JAINAGAR	17.251	16.853	20.472	21.856	22.997	21.364	18.679	11.928	11.711	13.112	10.458	15.642	201.923
23	DARBHANGA	JHANAHPUR	22.496	22.035	26.927	28.604	29.937	29.068	24.851	16.319	16.661	19.221	15.357	21.868	273.344
24	SAHARSA	MADHEPURA	17.541	16.291	20.057	22.392	22.705	21.868	18.980	10.040	14.240	14.291	12.224	17.088	207.719
25	SAHARSA	UDAKHANGANJ	14.055	13.399	15.643	17.685	18.487	16.923	14.444	10.268	9.805	10.293	8.264	12.328	161.596
26	SAHARSA	SAHARSA	21.628	19.698	23.044	24.200	26.173	23.828	20.485	13.556	13.594	15.325	11.883	17.463	230.876
27	SAHARSA	SIMRI BAKHTYARPUR	11.768	10.853	12.864	16.619	15.945	16.333	13.935	9.578	9.135	10.048	8.131	12.013	147.222
28	SAHARSA	SUPAUL	17.592	16.303	20.567	24.069	24.195	23.716	19.902	13.163	13.535	15.607	13.126	13.819	215.595
29	SAHARSA	RAGHOPUR	20.970	17.376	21.433	26.248	26.401	25.886	21.351	14.557	15.843	17.738	14.681	23.260	245.743
30	SAMASTIPUR	SAMASTIPUR	42.211	24.226	40.619	49.982	50.115	38.002	37.619	28.284	25.354	29.191	24.602	35.806	426.009
31	SAMASTIPUR	DAL SINGHSARAI	24.635	23.669	25.888	29.579	29.229	27.405	22.525	15.195	14.277	15.874	13.465	22.501	264.233
32	SAMASTIPUR	ROSERA	18.964	17.355	19.746	22.337	22.297	20.827	16.761	11.723	11.733	11.743	10.583	16.881	200.950
33	SAMASTIPUR	HAZIPIUR	46.685	44.872	46.650	52.716	52.209	51.442	44.846	31.925	34.269	35.909	29.559	41.966	514.048
34	SAMASTIPUR	MAHUA	35.351	35.597	38.615	44.021	43.170	40.861	35.909	24.549	25.798	23.337	19.248	33.199	399.654
35	MOTIHARI	MOTIHARI	39.065	40.376	44.396	54.114	51.162	51.314	37.900	28.087	29.124	34.268	27.425	29.336	466.567
36	MOTIHARI	CHAKIYA	33.004	30.130	38.725	38.847	41.632	40.826	34.085	20.178	23.169	27.328	22.474	35.540	385.938
37	MOTIHARI	RAXAUL	26.342	26.365	30.632	33.533	33.053	33.699	28.329	18.392	18.415	23.265	18.579	24.820	315.374
38	MOTIHARI	BETTIAH	48.928	47.115	52.831	61.462	61.051	61.626	52.742	36.034	38.496	46.904	38.647	46.903	592.739
39	MOTIHARI	BAGHA	21.150	21.532	24.043	21.860	25.100	23.258	19.585	12.742	13.202	16.864	12.201	20.989	232.527
40	MUZAFFARPUR	SITAMARHI	10.522	9.848	11.836	14.329	14.629	11.128	12.338	8.413	7.053	9.725	7.558	10.198	127.578
41	MUZAFFARPUR	SITAMARHI	29.231	27.158	32.435	36.939	37.947	38.743	32.378	22.051	22.271	26.262	20.749	29.065	355.228
42	MUZAFFARPUR	PUPRI	24.010	24.011	29.594	32.152	32.826	32.590	27.096	17.802	16.951	19.558	15.418	24.629	296.635
43	MUZAFFARPUR	MUZAFFARPUR URBAN 1	22.666	20.531	23.969	27.122	26.753	27.786	23.769	16.231	15.156	19.881	15.479	21.213	260.557
44	MUZAFFARPUR	MUZAFFARPUR URBAN 2	31.929	29.436	38.361	44.165	40.441	38.189	29.779	23.641	24.279	26.038	22.737	32.045	381.041
45	MUZAFFARPUR	MUZAFFARPUR EAST	30.663	28.367	32.771	35.677	36.902	35.355	32.671	23.403	21.934	24.111	18.945	26.857	347.606
46	MUZAFFARPUR	MUZAFFARPUR WEST	43.780	42.549	44.497	50.611	49.659	50.272	42.509	29.297	29.760	33.091	29.696	39.419	485.142
47	MUZAFFARPUR	Grand Total (MU)	1269.802	1197.891	1409.130	1585.005	1585.270	1529.787	1299.861	880.573	887.858	1016.671	835.035	1182.203	14679.086
48	NEPAL		199.534	71.824	40.085	45.143	15.432	3.564	2.247	0.022	23.506	54.154	66.327	109.006	630.844
49	TOTAL(MU)		1469.337	1269.714	1449.215	1630.148	1600.702	1533.351	1302.108	880.595	911.364	1070.825	901.362	1291.209	15309.930

Checked by 

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Form Input energy (Details of Input energy & Infrastructure)

A. Summary of energy input & infrastructure

S.No	Parameter	Value
A.1	Input free energy purchased (MJ)	16,631
A.2	Transmission loss (%)	4%
A.3	Transmission loss (MJ)	633,633
A.4	Energy loss per gwhr (MJ)	6,30.84
A.5	Open access rate (MJ)	184.74
A.6	EHF rate	100.23
A.7	Net input energy (received at DISCOM periphery or at distribution point) (MJ)	16,679.90
A.8	Is 100% metering available at 66/33 kV (select yes or no from list)	Yes
A.9	Is 100% metering available at 11 kV (select yes or no from list)	Yes
A.10	% of metering available at DT	59%
A.11	No of feeders at 66kV voltage level	100%
A.12	No of feeders at 33kV voltage level	771
A.13	No of feeders at 11kV voltage level	3085
A.14	No of feeders at 66kV voltage level	0
A.15	No of feeders at 33kV voltage level	0
A.16	Line length (ok km) at 66kV voltage level	9452.33
A.17	Line length (ok km) at 33kV voltage level	91032.74
A.18	Line length (ok km) at 11kV voltage level	203635.49
A.19	Line length (ok km) at LT level	66696.8
A.20	Length of aerial Bunches of cables	225
A.21	Length of underground cables	0.17756827
A.22	M/T/L ratio	

B. Meter reading of input energy at inspection points

S.No	Zone Code	Voltage Level (kV)	Sub-Division (kV)	Feeder ID	Feeder Name	Feeder Metering Status (Metered/unmetered/AMR/AMR)	Status of Meter (Functional/Non-Functional)	Date of last actual meter reading/communication	Feeder Type (Agr/Industrial/Res)	% data received through AMR/AMU	Number of hours when meter was made to communicate in period	Total Number of Failures in the period	31st April, 2021 - 31st March, 2022		Remarks (if any)
													Meter S.No	Import (MJ)	
B.1	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	27.44	KV34449		
B.2	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	71.71	KV34451		
B.3	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	20.55	KV34452		
B.4	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	33.45	KV34453		
B.5	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	31.50	KV34454		
B.6	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	49.15	KV34455		
B.7	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	16.48	KV34456		
B.8	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	40.35	KV34457		
B.9	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	24.88	KV34458		
B.10	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	32.70	KV34459		
B.11	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	60.64	KV34460		
B.12	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	55.47	KV34461		
B.13	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	49.55	KV34462		
B.14	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	15.22	KV34463		
B.15	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	19.80	KV34464		
B.16	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	7.85	KV34465		
B.17	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	72.84	KV34466		
B.18	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	53.35	KV34467		
B.19	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	40.64	KV34468		
B.20	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	65.80	KV34469		
B.21	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	72.94	KV34470		
B.22	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	56.38	KV34471		
B.23	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	71.91	KV34472		
B.24	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	16.15	KV34473		
B.25	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	0.00	KV34474		
B.26	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	27.99	KV34475		
B.27	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	0.00	KV34476		
B.28	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	34.86	KV34477		
B.29	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	40.90	KV34478		
B.30	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	0.00	KV34479		
B.31	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	10.12	KV34480		
B.32	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	28.55	KV34481		
B.33	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	4.98	KV34482		
B.34	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	17.50	KV34483		
B.35	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	1.84	KV34484		
B.36	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	9.26	KV34485		
B.37	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	52.69	KV34486		
B.38	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	13.18	KV34487		
B.39	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	115.52	KV34488		
B.40	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	17.03	KV34489		
B.41	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	39.42	KV34490		
B.42	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	81.54	KV34491		
B.43	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	31.29	KV34492		
B.44	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	22.10	KV34493		
B.45	Chapra 33	33 kV	MAHARAJGARH	33 kV MAHARAJGARH	Metered	Functional	Monthly	Monthly	Mixed	0	0	5.03	KV34494		

Beena Kishore

Beena Kishore

B.54	Chapra	33	33 kv BANGPUR	Metered	Functional	Monthly	Mixed	0	0	54.48
B.55	Chapra	33	33 kv JAFRIGAUJ	Metered	Functional	Monthly	Mixed	0	0	86.88
B.56	Chapra	33	33 kv BANGPUR	Metered	Functional	Monthly	Mixed	0	0	0.40
B.57	Chapra	33	33 kv SAMAPADUI	Metered	Functional	Monthly	Mixed	0	0	17.54
B.58	Chapra	33	33 kv BIS COPPER	Metered	Functional	Monthly	Mixed	0	0	0.00
B.59	Chapra	33	33 kv JANDUR	Metered	Functional	Monthly	Mixed	0	0	15.76
B.60	Chapra	33	33 kv JADIPUR	Metered	Functional	Monthly	Mixed	0	0	6.00
B.61	Chapra	33	33 kv BILAI FEEDER	Metered	Functional	Monthly	Mixed	0	0	1.50
B.62	Chapra	33	33 kv BILAI FEEDER	Metered	Functional	Monthly	Mixed	0	0	40.09
B.63	Chapra	33	33 kv NAGTA	Metered	Functional	Monthly	Mixed	0	0	64.85
B.64	Chapra	33	33 kv MAGER	Metered	Functional	Monthly	Mixed	0	0	0.06
B.65	Chapra	33	33 kv Bgls	Metered	Functional	Monthly	Mixed	0	0	3.55
B.66	Chapra	33	33 kv Bgls	Metered	Functional	Monthly	Mixed	0	0	9.84
B.67	Chapra	33	33 kv BIRPUR	Metered	Functional	Monthly	Mixed	0	0	66.93
B.68	Chapra	33	33 kv BAGHAIKUPUR	Metered	Functional	Monthly	Mixed	0	0	73.89
B.69	Chapra	33	33 kv DABALI	Metered	Functional	Monthly	Mixed	0	0	41.54
B.70	Chapra	33	33 kv Titra	Metered	Functional	Monthly	Mixed	0	0	6.63
B.71	Chapra	33	33 kv BODAMARHA	Metered	Functional	Monthly	Mixed	0	0	13.93
B.72	Chapra	33	33 kv CHAMPUR	Metered	Functional	Monthly	Mixed	0	0	0.00
B.73	Darbhanga	33	33 kv PANDASALI	Metered	Functional	Monthly	Mixed	0	0	53.83
B.74	Darbhanga	33	33 kv AMAR	Metered	Functional	Monthly	Mixed	0	0	38.82
B.75	Darbhanga	33	33 kv DODAR	Metered	Functional	Monthly	Mixed	0	0	24.77
B.76	Darbhanga	33	33 kv DODAR	Metered	Functional	Monthly	Mixed	0	0	3.92
B.77	Darbhanga	33	33 kv DEKA	Metered	Functional	Monthly	Mixed	0	0	41.24
B.78	Darbhanga	33	33 kv DEKA	Metered	Functional	Monthly	Mixed	0	0	30.95
B.79	Darbhanga	33	33 kv DEKA	Metered	Functional	Monthly	Mixed	0	0	21.37
B.80	Darbhanga	33	33 kv HANABARI	Metered	Functional	Monthly	Mixed	100	0	26.88
B.81	Darbhanga	33	33 kv Bener(Benerbedhalphayra)	Metered	Functional	Monthly	Mixed	0	0	0.00
B.82	Darbhanga	33	33 kv BANGCO BAHU	Metered	Functional	Monthly	Mixed	100	0	44.46
B.83	Darbhanga	33	33 kv BANGCO BAHU	Metered	Functional	Monthly	Mixed	100	0	32.42
B.84	Darbhanga	33	33 kv BAYAM	Metered	Functional	Monthly	Mixed	100	0	1.86
B.85	Darbhanga	33	33 kv B/C	Metered	Functional	Monthly	Mixed	100	0	19.82
B.86	Darbhanga	33	33 kv MANGACHI	Metered	Functional	Monthly	Mixed	100	0	40.77
B.87	Darbhanga	33	33 kv PANDUL	Metered	Functional	Monthly	Mixed	100	0	3.37
B.88	Darbhanga	33	33 kv SAKRI	Metered	Functional	Monthly	Mixed	100	0	12.23
B.89	Darbhanga	33	33 kv HANUR	Metered	Functional	Monthly	Mixed	100	0	15.64
B.90	Darbhanga	33	33 kv HANUR	Metered	Functional	Monthly	Mixed	100	0	56.98
B.91	Darbhanga	33	33 kv MADHUBANI FEEDER	Metered	Functional	Monthly	Mixed	100	0	21.38
B.92	Darbhanga	33	33 kv BISHI FEEDER (CHAMU)	Metered	Functional	Monthly	Mixed	100	0	30.74
B.93	Darbhanga	33	33 kv BISHI FEEDER	Metered	Functional	Monthly	Mixed	100	0	26.77
B.94	Darbhanga	33	33 kv BISHI FEEDER	Metered	Functional	Monthly	Mixed	100	0	3.19
B.95	Darbhanga	33	33 kv BARWA	Metered	Functional	Monthly	Mixed	100	0	61.53
B.96	Darbhanga	33	33 kv BARWA	Metered	Functional	Monthly	Mixed	100	0	2.62
B.97	Darbhanga	33	33 kv SARI	Metered	Functional	Monthly	Mixed	100	0	46.55
B.98	Darbhanga	33	33 kv ANANGAR FEEDER	Metered	Functional	Monthly	Mixed	100	0	30.53
B.99	Darbhanga	33	33 kv KALLAI FEEDER	Metered	Functional	Monthly	Mixed	100	0	6.79
B.100	Darbhanga	33	33 kv BASOPAI FEEDER	Metered	Functional	Monthly	Mixed	100	0	0.89
B.101	Darbhanga	33	33 kv ANANGAR PDS FEEDER	Metered	Functional	Monthly	Mixed	100	0	13.16
B.102	Darbhanga	33	33 kv AJWAD & KHALAU	Metered	Functional	Monthly	Mixed	100	0	11.81
B.103	Darbhanga	33	33 kv NegatShamr feeder	Metered	Functional	Monthly	Mixed	100	0	13.72
B.104	Darbhanga	33	33 kv PHULPABAI	Metered	Functional	Monthly	Mixed	100	0	12.40
B.105	Darbhanga	33	33 kv KHUTAU BAY	Metered	Functional	Monthly	Mixed	100	0	39.13
B.106	Darbhanga	33	33 kv ANDIRATHAI BAY	Metered	Functional	Monthly	Mixed	100	0	37.02
B.107	Darbhanga	33	33 kv GONGHARHAI BAY	Metered	Functional	Monthly	Mixed	100	0	16.96
B.108	Darbhanga	33	33 kv ULAVATGANI FEEDER	Metered	Functional	Monthly	Mixed	100	0	14.46
B.109	Darbhanga	33	33 kv SONI FEEDER	Metered	Functional	Monthly	Mixed	100	0	16.89
B.110	Darbhanga	33	33 kv SONI FEEDER	Metered	Functional	Monthly	Mixed	100	0	0.78
B.111	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	75.53
B.112	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	36.59
B.113	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	66.03
B.114	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	37.38
B.115	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	47.46
B.116	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	41.43
B.117	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	16.61
B.118	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	45.42
B.119	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	64.50
B.120	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	45.87
B.121	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	1.75
B.122	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	37.23
B.123	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	14.97
B.124	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	4.27
B.125	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	15.96
B.126	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	5.78
B.127	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	33.07
B.128	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	57.32
B.129	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	23.34
B.130	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	13.43
B.131	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	4.58
B.132	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	2.18
B.133	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	
B.134	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	
B.135	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	
B.136	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	
B.137	Darbhanga	33	33 kv BISHI (BISHI)	Metered	Functional	Monthly	Mixed	100	0	

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Sl. No.	Code	Category	Item Name	Unit	Quantity	Rate	Amount	Remarks
B.138	33	Durbhanga	33 kv Chabrewaz	Metered	100	0.00	0.00	
B.139	33	Durbhanga	33 kv B/C(Singpur)	Metered	100	0.00	0.00	
B.140	33	Mothari	33 kv MOTHARI	Metered	100	0.00	0.00	
B.141	33	Mothari	33 kv BELSARA	Metered	100	0.00	0.00	
B.142	33	Mothari	33 kv MADHOPUR	Metered	100	0.00	0.00	
B.143	33	Mothari	33 kv AREBARI(TURKOLJA)	Metered	100	0.00	0.00	
B.144	33	Mothari	33 kv BUSCOUPLER	Metered	100	0.00	0.00	
B.145	33	Mothari	33 kv BANAWA	Metered	100	0.00	0.00	
B.146	33	Mothari	33 kv CHATRAJINI	Metered	100	0.00	0.00	
B.147	33	Mothari	33 kv KOTWA	Metered	100	0.00	0.00	
B.148	33	Mothari	33 kv BIPRAKOTHI	Metered	100	0.00	0.00	
B.149	33	Mothari	33 kv JADLA	Metered	100	0.00	0.00	
B.150	33	Mothari	33 kv DHEGA	Metered	100	0.00	0.00	
B.151	33	Mothari	33 kv SAKHARA	Metered	100	0.00	0.00	
B.152	33	Mothari	33 kv SAKHARA	Metered	100	0.00	0.00	
B.153	33	Mothari	33 kv CHANDERPUR	Metered	100	0.00	0.00	
B.154	33	Mothari	33 kv NARAKATIGANI	Metered	100	0.00	0.00	
B.155	33	Mothari	33 kv TAMNAGARI	Metered	100	0.00	0.00	
B.156	33	Mothari	33 kv Bapal Export	Metered	100	0.00	0.00	
B.157	33	Mothari	33 kv Baghalimpori	Metered	100	0.00	0.00	
B.158	33	Mothari	33 kv LAURA	Metered	100	0.00	0.00	
B.159	33	Mothari	33 kv BUS COUPLER	Metered	100	0.00	0.00	
B.160	33	Mothari	33 kv BUS COUPLER	Metered	100	0.00	0.00	
B.161	33	Mothari	33 kv BUS COUPLER	Metered	100	0.00	0.00	
B.162	33	Mothari	33 kv LAURA FEEDER	Metered	100	0.00	0.00	
B.163	33	Mothari	33 kv LAURA FEEDER	Metered	100	0.00	0.00	
B.164	33	Mothari	33 kv BANAWA FEEDER	Metered	100	0.00	0.00	
B.165	33	Mothari	33 kv BELANDI FEEDER	Metered	100	0.00	0.00	
B.166	33	Mothari	33 kv Moharawal Feeder	Metered	100	0.00	0.00	
B.167	33	Mothari	33 kv Shree Bhuvanar Feeder	Metered	100	0.00	0.00	
B.168	33	Mothari	33 kv Shree Bhuvanar Feeder	Metered	100	0.00	0.00	
B.169	33	Mothari	33 kv Shree Bhuvanar Feeder	Metered	100	0.00	0.00	
B.170	33	Mothari	33 kv SAL NO.01	Metered	100	0.00	0.00	
B.171	33	Mothari	33 kv CHAMPATIYA	Metered	100	0.00	0.00	
B.172	33	Mothari	33 kv CHAMPATIYA NEW	Metered	100	0.00	0.00	
B.173	33	Mothari	33 kv BARITA	Metered	100	0.00	0.00	
B.174	33	Mothari	33 kv NANGARAD	Metered	100	0.00	0.00	
B.175	33	Mothari	33 kv YOGAPATI	Metered	100	0.00	0.00	
B.176	33	Mothari	33 kv NAITAN	Metered	100	0.00	0.00	
B.177	33	Mothari	33 kv SPARE (Fotogopatti)	Metered	100	0.00	0.00	
B.178	33	Mothari	33 kv SPARE (Fotogopatti)	Metered	100	0.00	0.00	
B.179	33	Mothari	33 kv DHEKHA	Metered	100	0.00	0.00	
B.180	33	Mothari	33 kv MANJAPUL	Metered	100	0.00	0.00	
B.181	33	Mothari	33 kv DHAKA	Metered	100	0.00	0.00	
B.182	33	Mothari	33 kv CHENGUHAN	Metered	100	0.00	0.00	
B.183	33	Mothari	33 kv PALAI	Metered	100	0.00	0.00	
B.184	33	Mothari	33 kv COUPLER	Metered	100	0.00	0.00	
B.185	33	Mothari	33 kv BARIGANA	Metered	100	0.00	0.00	
B.186	33	Mothari	33 kv KARAWA	Metered	100	0.00	0.00	
B.187	33	Mothari	33 kv KARAWA	Metered	100	0.00	0.00	
B.188	33	Mothari	33 kv MATIABHOPAT	Metered	100	0.00	0.00	
B.189	33	Mothari	33 kv BANKATWA	Metered	100	0.00	0.00	
B.190	33	Mothari	33 kv BAZUL	Metered	100	0.00	0.00	
B.191	33	Mothari	33 kv BANGARWA	Metered	100	0.00	0.00	
B.192	33	Mothari	33 kv PALAWA	Metered	100	0.00	0.00	
B.193	33	Mothari	33 kv MADDEI FEEDER	Metered	100	0.00	0.00	
B.194	33	Mothari	33 kv MAMATAND	Metered	100	0.00	0.00	
B.195	33	Mothari	33 kv JAMUNA	Metered	100	0.00	0.00	
B.196	33	Mothari	33 kv SANGHATYA FEEDER	Metered	100	0.00	0.00	
B.197	33	Mothari	33 kv MAMPUR MISSION	Metered	100	0.00	0.00	
B.198	33	Mothari	33 kv BUSCOUPLER	Metered	100	0.00	0.00	
B.199	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.200	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.201	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.202	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.203	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.204	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.205	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.206	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.207	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.208	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.209	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.210	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.211	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.212	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.213	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.214	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.215	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.216	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.217	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.218	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.219	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.220	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	
B.221	33	Mothari	33 kv URE (PAMPUR)	Metered	100	0.00	0.00	

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Sl. No.	Category	Project Name	Phase	Area	Contractor	Contract Value	Completion %	Remarks
B.222	Regisrasi	33KV BILAGANPUR	Metered	Functional	Monthly	0	0	48.61
B.223	Regisrasi	33 kv BANARAJUPUR	Metered	Functional	Monthly	0	0	1.74
B.224	Regisrasi	33 kv NEW BAGHAIADH	Metered	Functional	Monthly	0	0	17.08
B.225	Regisrasi	33 kv BABHANGANA	Metered	Functional	Monthly	0	0	6.12
B.226	Regisrasi	33 kv Bahayyatt(01H-5) (400517564)	Metered	Functional	Monthly	0	0	5.19
B.227	Regisrasi	33 kv loc(0H-7)Meteredbed(11000400151006)	Metered	Functional	Monthly	0	0	0.23
B.228	Regisrasi	33 kv loc(0H-7)Meteredbed(11000400151006)	Metered	Functional	Monthly	0	0	0.23
B.229	Regisrasi	33 kv OH-3(Colony+Dinar aghat)	Metered	Functional	Monthly	0	0	0.00
B.230	Regisrasi	33 kv Regisrasi(01H)Bilaram	Metered	Functional	Monthly	0	0	2.14
B.231	Regisrasi	33 kv BILALA CRT 2 FEEDER	Metered	Functional	Monthly	0	0	0.00
B.232	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	49.51
B.233	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	71.32
B.234	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	20.25
B.235	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	12.98
B.236	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	6.00
B.237	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	12.45
B.238	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	56.08
B.239	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	29.61
B.240	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	59.21
B.241	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	7.13
B.242	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	18.91
B.243	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	10.26
B.244	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	10.50
B.245	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	21.40
B.246	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	3.68
B.247	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	56.66
B.248	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	71.38
B.249	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	49.64
B.250	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	3.26
B.251	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	0.00
B.252	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	0.00
B.253	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	0.00
B.254	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	6.67
B.255	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	36.03
B.256	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	2.89
B.257	Regisrasi	33 kv BILALA CRT 2 (MARIHANI) FEEDER	Metered	Functional	Monthly	0	0	34.01
B.258	Sahara	33 kv JAHNABHA	Metered	Functional	Monthly	0	0	77.38
B.259	Sahara	33 kv SAHARA NEW	Metered	Functional	Monthly	0	0	32.81
B.260	Sahara	33 kv NAYA BAZAR	Metered	Functional	Monthly	0	0	40.16
B.261	Sahara	33 kv JANTARATAYA	Metered	Functional	Monthly	0	0	20.27
B.262	Sahara	33 kv BALWAPAT	Metered	Functional	Monthly	0	0	8.51
B.263	Sahara	33 kv PATUAWHA FEEDER	Metered	Functional	Monthly	0	0	0.00
B.264	Sahara	33 kv B/C (Babwat 1)	Metered	Functional	Monthly	0	0	17.05
B.265	Sahara	33 kv BUS COUPLER	Metered	Functional	Monthly	0	0	28.01
B.266	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	0.00
B.267	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	0.21
B.268	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	78.94
B.269	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	0.12
B.270	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	19.05
B.271	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	4.87
B.272	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	0.00
B.273	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	24.33
B.274	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	61.50
B.275	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	29.71
B.276	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	29.71
B.277	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	22.76
B.278	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	28.07
B.280	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	71.72
B.281	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	38.76
B.282	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	18.09
B.283	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	45.01
B.284	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	4.35
B.285	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	0.00
B.286	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	48.78
B.287	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	30.03
B.288	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	43.68
B.289	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	47.52
B.290	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	37.10
B.291	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	3.98
B.292	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	30.06
B.293	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	1.00
B.294	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	22.12
B.295	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	9.87
B.297	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	0.00
B.298	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	39.19
B.299	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	21.76
B.300	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	14.32
B.301	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	13.52
B.302	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	27.09
B.303	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	6.35
B.304	Sahara	33 kv BENGODI	Metered	Functional	Monthly	0	0	44.79

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B.306	Sahaya	33	33 KV FEEDER NO. 06 (LALGANJ)	Metered	Functional	Monthly	Mixed	0	0	30.79
B.307	Sahaya	33	33 KV CHAMPANGANAR	Metered	Functional	Monthly	Mixed	0	0	14.38
B.308	Khangri	33	33 KV JOMBESGANI 1	Metered	Functional	Monthly	Mixed	0	0	0.04
B.309	Khangri	33	33 KV JOMBESGANI 2	Metered	Functional	Monthly	Mixed	0	0	85.32
B.310	Khangri	33	33 KV JASDA	Metered	Functional	Monthly	Mixed	0	0	17.44
B.311	Khangri	33	33 KV JANGAL	Metered	Functional	Monthly	Mixed	0	0	27.79
B.312	Khangri	33	33 KV JANGAL 2	Metered	Functional	Monthly	Mixed	0	0	0.00
B.313	Khangri	33	33 KV GOLAHA	Metered	Functional	Monthly	Mixed	0	0	31.75
B.314	Khangri	33	33 KV GOLAHA	Metered	Functional	Monthly	Mixed	0	0	3.22
B.315	Khangri	33	33 KV DHUBA	Metered	Functional	Monthly	Mixed	0	0	14.92
B.316	Khangri	33	33 KV BANI	Metered	Functional	Monthly	Mixed	0	0	1.14
B.317	Khangri	33	33 KV JOHANI	Metered	Functional	Monthly	Mixed	0	0	12.85
B.318	Khangri	33	33 KV PASCHALI	Metered	Functional	Monthly	Mixed	0	0	37.73
B.319	Khangri	33	33 KV THAKURGANI	Metered	Functional	Monthly	Mixed	0	0	4.27
B.320	Khangri	33	33 KV PURBAPALI	Metered	Functional	Monthly	Mixed	0	0	14.51
B.321	Khangri	33	33 KV POTHIA	Metered	Functional	Monthly	Mixed	0	0	39.76
B.322	Khangri	33	33 KV BAHADURGANI	Metered	Functional	Monthly	Mixed	0	0	12.67
B.323	Khangri	33	33 KV BAHADURGANI	Metered	Functional	Monthly	Mixed	0	0	8.78
B.324	Khangri	33	33 KV BELWA	Metered	Functional	Monthly	Mixed	0	0	7.92
B.325	Khangri	33	33 KV BUS COUPLER	Metered	Functional	Monthly	Mixed	0	0	15.68
B.326	Khangri	33	33 KV BASANAR	Metered	Functional	Monthly	Mixed	0	0	9.11
B.327	Khangri	33	33 KV PADO	Metered	Functional	Monthly	Mixed	0	0	36.20
B.328	Khangri	33	33 KV PADO	Metered	Functional	Monthly	Mixed	0	0	2.84
B.329	Khangri	33	33 KV SONDAL	Metered	Functional	Monthly	Mixed	0	0	2.84
B.330	Khangri	33	33 KV ABALINE	Metered	Functional	Monthly	Mixed	0	0	49.84
B.331	Khangri	33	33 KV babani	Metered	Functional	Monthly	Mixed	0	0	7.85
B.332	Khangri	33	33 KV babani	Metered	Functional	Monthly	Mixed	0	0	8.89
B.333	Khangri	33	33 KV ARABIA FEEDER	Metered	Functional	Monthly	Mixed	0	0	62.63
B.334	Khangri	33	33 KV LINE BAY 6/MS FEEDER	Metered	Functional	Monthly	Mixed	0	0	52.49
B.335	Khangri	33	33 KV BUS COUPLER BAY	Metered	Functional	Monthly	Mixed	0	0	39.15
B.336	Khangri	33	33 KV LINE BAY 2	Metered	Functional	Monthly	Mixed	0	0	32.21
B.337	Khangri	33	33 KV LINE BAY 4	Metered	Functional	Monthly	Mixed	0	0	6.16
B.338	Khangri	33	33 KV LINE BAY 2	Metered	Functional	Monthly	Mixed	0	0	55.85
B.339	Samatpur	33	33 KV JIMBARHAR	Metered	Functional	Monthly	Mixed	0	0	47.33
B.340	Samatpur	33	33 KV MAHAR	Metered	Functional	Monthly	Mixed	0	0	0.00
B.341	Samatpur	33	33 KV PUSA	Metered	Functional	Monthly	Mixed	0	0	9.93
B.342	Samatpur	33	33 KV MOHINPUR	Metered	Functional	Monthly	Mixed	0	0	59.17
B.343	Samatpur	33	33 KV DUDA	Metered	Functional	Monthly	Mixed	0	0	2.85
B.344	Samatpur	33	33 KV HALY	Metered	Functional	Monthly	Mixed	0	0	16.22
B.345	Samatpur	33	33 KV NASHIR	Metered	Functional	Monthly	Mixed	0	0	35.44
B.346	Samatpur	33	33 KV BIC	Metered	Functional	Monthly	Mixed	0	0	16.53
B.347	Samatpur	33	33 KV OLD VALANPUR	Metered	Functional	Monthly	Mixed	0	0	41.09
B.348	Samatpur	33	33 KV MAHARAJULI	Metered	Functional	Monthly	Mixed	0	0	78.19
B.349	Samatpur	33	33 KV MAHARAJULI	Metered	Functional	Monthly	Mixed	0	0	60.26
B.350	Samatpur	33	33 KV KAPURBARI	Metered	Functional	Monthly	Mixed	0	0	13.60
B.351	Samatpur	33	33 KV PANPUR FEEDER	Metered	Functional	Monthly	Mixed	0	0	0.91
B.352	Samatpur	33	33 KV LAGUNYA	Metered	Functional	Monthly	Mixed	0	0	30.41
B.353	Samatpur	33	33 KV DALINGCHASAN	Metered	Functional	Monthly	Mixed	0	0	12.06
B.354	Samatpur	33	33 KV BIRBUTPUR	Metered	Functional	Monthly	Mixed	0	0	0.00
B.355	Samatpur	33	33 KV UTAHPIH	Metered	Functional	Monthly	Mixed	0	0	30.41
B.356	Samatpur	33	33 KV VIDYAPATI	Metered	Functional	Monthly	Mixed	0	0	12.06
B.357	Samatpur	33	33 KV Line Coupler	Metered	Functional	Monthly	Mixed	0	0	0.00
B.358	Samatpur	33	33 KV NAIPUR	Metered	Functional	Monthly	Mixed	0	0	12.06
B.359	Samatpur	33	33 KV NAIPUR	Metered	Functional	Monthly	Mixed	0	0	30.41
B.360	Samatpur	33	33 KV CHITA	Metered	Functional	Monthly	Mixed	0	0	12.06
B.361	Samatpur	33	33 KV CHITA	Metered	Functional	Monthly	Mixed	0	0	56.31
B.362	Samatpur	33	33 KV CHITA	Metered	Functional	Monthly	Mixed	0	0	61.39
B.363	Samatpur	33	33 KV CHITA	Metered	Functional	Monthly	Mixed	0	0	15.50
B.364	Samatpur	33	33 KV CHITA	Metered	Functional	Monthly	Mixed	0	0	21.27
B.365	Samatpur	33	33 KV MAHAR MAHE SINGHA	Metered	Functional	Monthly	Mixed	0	0	17.93
B.366	Samatpur	33	33 KV BISHANPUR BEH FEEDER	Metered	Functional	Monthly	Mixed	0	0	16.95
B.367	Samatpur	33	33 KV JALDHARA NAGAR FEEDER	Metered	Functional	Monthly	Mixed	0	0	6.88
B.368	Samatpur	33	33 KV Bhamoun	Metered	Functional	Monthly	Mixed	0	0	21.27
B.369	Samatpur	33	33 KV FATORI	Metered	Functional	Monthly	Mixed	0	0	58.49
B.370	Samatpur	33	33 KV JALDHARA	Metered	Functional	Monthly	Mixed	0	0	86.64
B.371	Samatpur	33	33 KV JALDHARA	Metered	Functional	Monthly	Mixed	0	0	77.70
B.372	Samatpur	33	33 KV BODUPUR	Metered	Functional	Monthly	Mixed	0	0	55.78
B.373	Samatpur	33	33 KV PASWAN CHAWK	Metered	Functional	Monthly	Mixed	0	0	0.00
B.374	Samatpur	33	33 KV BUS COUPLER 1	Metered	Functional	Monthly	Mixed	0	0	17.17
B.375	Samatpur	33	33 KV BUS COUPLER 2	Metered	Functional	Monthly	Mixed	0	0	6.48
B.376	Samatpur	33	33 KV DULWAT	Metered	Functional	Monthly	Mixed	0	0	21.35
B.377	Samatpur	33	33 KV JALDHARA	Metered	Functional	Monthly	Mixed	0	0	-0.14
B.378	Samatpur	33	33 KV Feeders/220V Durgahpur	Metered	Functional	Monthly	Mixed	0	0	0.14
B.379	Samatpur	33	33 KV OF 220V Durgahpur	Metered	Functional	Monthly	Mixed	0	0	-0.02
B.380	Samatpur	33	33 KV OF 220V HALHIB	Metered	Functional	Monthly	Mixed	0	0	0.33
B.381	Samatpur	33	33 KV OF 220V HALHIB	Metered	Functional	Monthly	Mixed	0	0	17.00
B.382	Samatpur	33	33 KV OF 220V HALHIB	Metered	Functional	Monthly	Mixed	0	0	7.00
B.383	Samatpur	33	33 KV OF 220V HALHIB	Metered	Functional	Monthly	Mixed	0	0	82.96
B.384	Samatpur	33	33 KV OF 220V HALHIB	Metered	Functional	Monthly	Mixed	0	0	48.83
B.385	Samatpur	33	33 KV OF 220V HALHIB	Metered	Functional	Monthly	Mixed	0	0	5.39
B.386	Samatpur	33	33 KV OF 220V HALHIB	Metered	Functional	Monthly	Mixed	0	0	69.58
B.387	Samatpur	33	33 KV OF 220V HALHIB	Metered	Functional	Monthly	Mixed	0	0	-11.46
B.388	Samatpur	33	33 KV OF 220V HALHIB	Metered	Functional	Monthly	Mixed	0	0	0.00
B.389	Samatpur	33	33 KV OF 220V HALHIB	Metered	Functional	Monthly	Mixed	0	0	0.00

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B No	Service	Category	Grade	Post	Level	Functional	Monthly	Grade	Pay	DA	MA	Medical	Gratuity	PF	Other	Total
B 390	33KV BARBARA FEEDER	33	33	0	Mixed	Functional	Monthly	0	96.01							
B 391	33KV BELGARI FEEDER	33	33	0	Mixed	Functional	Monthly	100	38.74							
B 392	33KV BELGARI FEEDER	33	33	0	Mixed	Functional	Monthly	100	38.74							
B 393	33KV JASARA FEEDER	33	33	0	Mixed	Functional	Monthly	100	45.95							
B 394	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	34.07							
B 395	33KV JANHA	33	33	0	Mixed	Functional	Monthly	100	44.53							
B 396	33KV MAHAR	33	33	0	Mixed	Functional	Monthly	100	17.77							
B 397	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	51.47							
B 398	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	13.29							
B 399	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	0.08							
B 400	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	0.00							
B 401	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	0.00							
B 402	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	45.28							
B 403	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	11.95							
B 404	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	0.00							
B 405	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	3.13							
B 406	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	11.82							
B 407	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	20.80							
B 408	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	18.49							
B 409	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	22.57							
B 410	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	50.44							
B 411	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	51.49							
B 412	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	0.00							
B 413	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	84.17							
B 414	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	31.57							
B 415	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	52.72							
B 416	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	32.88							
B 417	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	47.73							
B 418	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	25.31							
B 419	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	0.03							
B 420	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	2.45							
B 421	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	20.54							
B 422	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	43.92							
B 423	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	75.50							
B 424	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	27.48							
B 425	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	80.40							
B 426	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	28.41							
B 427	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	0.63							
B 428	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	24.37							
B 429	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	38.74							
B 430	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	42.98							
B 431	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	29.65							
B 432	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	0.00							
B 433	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	15.00							
B 434	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	119.68							
B 435	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	0.00							
B 436	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	55.41							
B 437	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	33.17							
B 438	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	65.75							
B 439	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	82.11							
B 440	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	37.43							
B 441	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	11.88							
B 442	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	85.97							
B 443	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	15.61							
B 444	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	20.70							
B 445	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	29.10							
B 446	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	58.34							
B 447	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	0.00							
B 448	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	14.10							
B 449	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	35.19							
B 450	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	76.75							
B 451	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	50.27							
B 452	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	36.15							
B 453	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	11.29							
B 454	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	12.79							
B 455	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	62.34							
B 456	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	70.40							
B 457	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	26.78							
B 458	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	13.39							
B 459	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	0.73							
B 460	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	65.54							
B 461	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	32.54							
B 462	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	51.54							
B 463	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	5.80							
B 464	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	17.87							
B 465	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	49.86							
B 466	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	16.03							
B 467	33KV JANTARHA	33	33	0	Mixed	Functional	Monthly	100	45.42							

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Details of Input Energy Sources

Period From 1st April 2021 To 31st March 2022
A. Generation at Transmission Periphery (Details)

S.No.	Name of Generation Station	Generation Capacity (In MW)	Type of Station Generation (Basco- Solid (Coal ,Lignite)/Liquid/Gas/Renewable (biomass- bagasse)/Others)	Type of Contract (in years/months/days)	Type of Grid (Intra-state/Inter-state)	Point of Connection (POC) Loss MU	Voltage Level (At Input)	Remarks (Source of data)
NTPC (Conventional)								
1	Barh(2)	1197.76	Coal	25	Inter-state	73.63252	400/220/132 KV	
2	Barh(1)		Coal	25	Inter-state	13.06449	400/220/132 KV	
3	BRBCL	75	Coal	25	Inter-state	6.284091	400/220/132 KV	
4	Frakka 1&2	502.4	Coal	25	Inter-state	28.37928	400/220/132 KV	
5	Frakka 3	107.6	Coal	25	Inter-state	7.420493	400/220/132 KV	
6	Kahaigaon 1	351.63	Coal	25	Inter-state	25.87094	400/220/132 KV	
7	Kahaigaon 2	74.4	Coal	25	Inter-state	5.415358	400/220/132 KV	
8	Barauni I	110	Coal	25	Intra-state	-	400/220/132 KV	
9	Barauni II	250	Coal	25	Intra-state	-	400/220/132 KV	
10	NPCC	559.48	Coal	25	Inter-state	86.66868	400/220/132 KV	
11	kBUNL I	220	Coal	25	Intra-state	-	400/220/132 KV	
12	kBUNL II	292.39	Coal	25	Inter-state	21.40551	400/220/132 KV	
13	Talcher	412.5	Coal	25	Inter-state	32.99113	400/220/132 KV	
14	Daripali	94.88	Coal	25	Inter-state	12.89164	400/220/132 KV	
Solar (Renewable)								
15	Udipita	5	Solar	25	Intra-state	-	33/132 KV	
17	Sunmark	10	Solar	25	Intra-state	-	33/132 KV	
18	Avantika	5	Solar	25	Intra-state	-	33/132 KV	
19	Azure	10	Solar	25	Intra-state	-	33/132 KV	
20	Alfa	20	Solar	25	Intra-state	-	33/132 KV	
21	Welspun 1	10	Solar	25	Intra-state	-	33/132 KV	
22	Welspun 2	15	Solar	25	Intra-state	-	33/132 KV	
23	Welspun 3	15	Solar	25	Intra-state	-	33/132 KV	
24	Giatt	3	Solar	25	Intra-state	-	33/132 KV	
25	Response	10	Solar	25	Intra-state	-	33/132 KV	
26	ACME Magadh	10	Solar	25	Intra-state	-	33/132 KV	
27	ACME Nalanda	15	Solar	25	Intra-state	-	33/132 KV	
28	SECI	10	Solar	25	Inter-state	-	33/132 KV	
29	NTPC Solar	300	Solar	25	Inter-state	-	400/220/132 KV	
30	Renew Solar	300	Solar	25	Inter-state	-	400/220/132 KV	
Wind (Renewable)								
31	PTC Green Infra	50	WIND	25	Inter-state	-	400/220/132 KV	
33	PTC Ostro	50	WIND	25	Inter-state	-	400/220/132 KV	
34	PTC Mytrash	50	WIND	25	Inter-state	-	400/220/132 KV	
35	SECI Orange	100	WIND	25	Inter-state	-	400/220/132 KV	
36	SECI Betam	50.2	WIND	25	Inter-state	-	400/220/132 KV	

SECI (Comp)

AB

AB

Month	UNITS	Nepal Export												
		Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	FY-2021-22 (kWh)
132 KV Kataliya- Duhabi Feeder	kWh	72052320	34034880	14634720	10476960	4302720	178560	683520	18720	2178240	9771360	9013920	28931520	186277440
132 KV Kataliya- Kusaha Feeder	kWh	33728000	9952000	4348000	2586000	1956000	60000	330000	2000	6000	2458000	4382000	15470000	75278000
132 KV Valmiki Nagar- Surajpura Feeder	kWh	32198688	7740480	3922464	6422352	1891440	542640	0	0	10515408	18068448	21623088	24281904	127206912
132 KV Rakaul - Parwanipur Feeder	kWh	52046000	18428000	15718000	21818000	3278000	514000	360000	0	10580000	23448000	30752000	35542000	212484000
33 KV Kataliya- Rajbiraj Feeder	kWh	1268964	748308	866460	932508	819864	17796	4428	336	264	120	348	256704	4916100
33 KV Kataliya- Biratnagar Feeder-I	kWh	0	0	0	0	0	0	0	0	0	0	0	0	0
33 KV Kataliya- Biratnagar Feeder-II	kWh	0	0	0	0	0	0	0	0	0	0	0	0	0
33 KV Sitamarhi - Jaleshwar Feeder	kWh	0	0	0	0	0	0	0	0	0	0	0	0	0
33 KV Pupri (Sursani) - Jaleshwar Feeder	kWh	1477000	446000	595000	2869000	3184000	2200000	869000	1000	0	1000	1000	1142000	12785000
33 KV Rakaul - Biraganj Feeder	kWh	5976564	455124	0	0	0	0	12	0	227472	407352	554700	3381900	11003124
33 KV Jainagar - Sirha Feeder	kWh	786710	18750	0	38240	0	50800	0	0	0	0	0	0	894500
		199534746	71823542	40084644	45143060	15432024	3563796	2246960	22056	23507384	54154280	6637056	109006028	630845076

APR (com)

SEELEA

SEELEA

DETAILS OF POWER PURCHASE
BSPHCL FY (2021-22)

Plant	FY 2021-22												KWH
	Apr 21	May 21	Jun 21	Jul 21	Aug 21	Sep 21	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	
BNTPS-1	0	3722770	12624043	23430833	5687761	0	10821402	225422707	26627657	0	13081093	0	6,93,67,902
BNTPS-2	146179198	97956072	112250161	127739413	161528185	138436754	0	132638283	182276677	252266541	238932109	157861350	2,06,60,005,051
Barh-1	0	0	0	0	0	0	0	0	0	0	0	0	76,98,86,878
Barh-2	0	0	0	0	0	0	0	0	0	0	0	0	6,63,20,69,368
Darpai	50029626	47076778	55229509	63799450	65150222	114105115	332081687	110995763	364640793	639584296	598409854	720932176	6,63,20,69,368
Farakka-1	190674722	264107717	247570328	296287315	172980885	167577541	106487870	110995763	364640793	639584296	598409854	720932176	6,63,20,69,368
Farakka-3	67393811	6232070	57756809	63220996	49593600	58811163	30088833	529471735	252763817	266081430	284869513	131385072	97,32,09,468
Kahaigaoon-1	222942052	211951222	159306257	152416920	194851517	204926993	191436057	158895988	154161207	193806976	183610500	204528337	2,74,84,62,890
Kahaigaoon-2	50261498	48491383	45339641	48143000	36457124	29937480	30913315	40810530	41391863	43977591	35161365	34023213	65,59,60,234
Taichar	183968926	251019399	250134493	258658024	274219402	249674050	259393826	246665517	113489896	184631402	253741774	275593528	2,23,28,33,336
NPGL	0	0	0	0	0	0	0	0	0	0	0	0	48,49,08,203
BRBCL	339144850	337215389	349962759	398430030	589958822	567670543	594143778	528753330	688026965	577355707	68811630	779959424	2,80,12,05,181
BRBCL	46697057	42465454	403883333	33753593	35476809	25661667	3594887	41280837	54010961	55641015	47899707	60797111	6,43,97,70,227
NHPC	5112276	8712200	12671750	14632626	14274576	14508376	14986476	9752487	6886513	5094076	1306600	5155413	51,99,44,431
PTC	30756257	58416739	54335724	76032033	82054883	77948409	6245759	38570424	19067030	12154554	11405565	29361017	11,48,93,369
PTC	9952843	41006465	83564300	82309700	85461843	76790139	83087428	44965815	18516811	578822	275707	12431409	55,30,48,394
PTC	40036350	92897770	144773604	156520737	178845309	177396317	108461198	57798150	39694980	2444093	0	0	53,89,41,282
Net UI	412072473	20947072	202341576	426441482	276849031	285316166	194908904	8095829	10637522	5920385	27745216	2025152	1,03,17,80,941
HSM	66166395	35380820	-488998	17498553	8258697	19352627	4779863	-16825483	409602	-13486386	-11988113	3004838	15,90,62,415
BSPHC	279174035	182169304	212921209	162771748	113828463	109371098	138103387	2501597	5015829	4238045	254030	0	87,76,415
KBUNL	168876000	169081037	146149500	159951750	153993750	179223000	169630500	146554498	159032787	160017380	161848239	193595733	1,20,09,501
GMR	142438200	141677935	145337209	152014450	133364052	145700250	93805480	157390420	156756289	137749978	131518250	163071750	2,01,93,87,881
Jindal	0	0	121191	1396780	1813587	394120	1431707	0	0	0	0	0	1,90,18,14,163
Triveni	76,567,00	85,913,00	1,89,287,00	3,37,463,00	446,157	400,848	0	0	28,287	26,904	263,783	324,285	1,59,21,67,491
Barun	0	105072	852913	398498	628741	398498	625159	0	0	0	0	0	51,67,037
Dehari	0	247357	296511	303376	537988	83778	0	0	0	0	0	0	24,16,494
Agroor	0	67472	157380	210020	229835	7563	0	0	0	0	0	0	26,10,383
Dhelaabag	0	56537	171907	79611	144096	103709	0	0	0	0	0	0	18,45,231
Nasirganj	0	21820	132246	165987	231020	203887	6020	0	0	0	0	0	10,02,741
Jainagar	0	61430	121041	92265	117480	152763	19483	0	0	0	0	0	5,77,159
NTPC SOLAR	0	13790917	64564050	66510363	49818678	65964850	59358183	55330607	56744541	63245667	74346793	31383	7,29,832
SECI (Trader)	1638624	1721049	1567609	12721274	988994	1146850	1537370	1363578	1777085	1952591	1777085	1952591	56,96,74,649
SECI (Sun waw)	0	0	0	0	0	0	0	0	0	0	0	0	1,80,41,563
SECI GRT Jewellers	0	0	0	0	0	0	0	0	0	0	0	0	39,68,20,741
Udipra	663740	588700	484840	524600	527580	511780	559500	559460	518920	468800	0	0	1,55,810
Responce	1673133	1469400	1296333	1306267	1441900	1497533	1589567	1376600	1277800	1122867	1578067	1925167	67,66,460
Azure	1329540	1187540	705380	805840	843060	1192480	1049880	1095920	1049880	620560	1121140	1451000	1,75,27,934
Alfa	2811642	2636266	2271061	2222658	2302295	2388528	2672641	2482715	2186671	2104027	2784676	3358528	1,24,50,420
Avantika	632650	541150	492100	508200	493550	584050	536400	553250	491650	32850	54750	72550	3,02,21,708
ACME Nalanda	2183040	2047950	1707480	1669860	1601640	1832130	1848690	1695060	1587600	1868310	1668310	2398500	64,34,150
ACME Nigah	1521660	1423740	1194850	1216050	1169730	1300020	1215600	1187130	1172900	1172900	1172900	1694751	2,21,65,200
Summark	1422900	1291200	1119120	994880	1056480	1030860	1086760	1014400	1342500	1014400	1342500	1571840	1,41,84,340
Welspun-1	1554265	1327585	1122404	1098889	1166593	1306863	1306863	1180537	1061333	1066107	1162359	1690235	1,51,30,977
Welspun-2	2231500	1959100	1690500	1606200	1730900	1658500	1958450	1677450	1581250	1593500	1977300	2439900	2,20,70,400
Welspun-3	232035	1992865	1681596	1650461	1786957	1793537	1793537	1779063	1611417	1615143	2047541	2546265	2,28,06,173
Glatt	511067	458167	382700	395667	432660	446133	327267	313100	355633	327633	457833	569933	49,77,733

Handwritten signatures and initials in the right margin, including 'KJ/AB', 'MPC', and 'A'.

central	PTC SKS	27616874	29865000	23415000	22912500	25688437	25348124	26111250	29700000	32904376	0	20226563	0	26,37,88,124
central	PTC JIPTL	51441596	44310948	49320474	48807948	58973511	59711250	61205000	48710120	51172111	47882304	46023180	51150000	61,87,08,442
central	SECI Orange	9499767	21887813	33383215	43090037	35594528	30029489	17568298	12780191	18898780	18519759	15198439	16309302	27,27,59,618
central	SECI Vivid	5694461	12937993	19039585	24193239	21607124	16513163	8375513	4913030	7086893	7638865	6342378	6742289	14,10,84,533
central	SECI Green	16500265	29381467	31131402	36867615	29712127	15845224	12156657	11068843	18135365	14870141	14670250	20091809	25,04,31,255
central	SECI Afnar	8580872	15650417	17059776	19066935	16466067	8110817	6935633	5441207	7627546	8172411	7933243	11766857	13,28,11,781
central	SECI OSTRO	0	0	0	0	0	3676433	9777711	17404170	21735267	25134976	19891139	24582989	12,22,02,685
central	PTC Green	5244446	11689930	17838696	21871100	18377991	15973739	9984067	6693461	9633215	9014635	7651830	8664687	14,25,67,797
central	PTC Myrah Vayu	4115650	9994972	14065570	17736498	15644559	13604170	7982993	5282633	5724165	5069670	4418461	5534170	10,91,73,511
central	PTC OSTRO	10597620	16958085	17491404	20885048	15786572	9196954	8137528	8657252	12432889	11041007	9943563	13009217	15,41,37,139
central	PTC Five Energy	7294493	13499293	13722165	16848835	13580754	6188967	4182352	2679352	4803585	9404804	11220072	26204061	12,96,28,733
Siddhashram	Siddhashram	367100	135120	0	27900	0	0	0	0	0	0	291800	38220	8,60,140
Distillers	Distillers	1991980	1787320	1375460	429900	901420	1301360	1228440	529280	1812880	1854000	1753900	2086340	1,70,52,280
NEPAL	UPPDCI	0	466720	2960	111280	4993920	8505920	35641568	480	960	960	480	2960	4,97,28,208
Transmission	POSOCO													
	PGCIL													
	BSPTCL													
	SLDC													
	Bihar grid													
	Sale through PTC IEX	-68594200	-178133211	-143687748	-56471415	-159648810	-95264870	-246102494	-534421110	-723039650	-661235168	-765351675	-385388877	-4,01,73,39,228
	Sale through PMC	0	0	0	0	0	0	0	0	0	-659200	-20406000	-295952375	-50,66,17,575
	Grand Total	3295751679	2977385658	3202947617	3801712742	3711081075	3551821277	3040365671	2216347045	2376299761	2687562758	2323695279	3087181294	36,27,21,51,856

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1178-13

Central	PTC Green	2404578.491	5359832.905	8179042.116	10027899.35	8403383.874	7323959.332	4577694.72	3068951.869	4416879.078	4133210.148	3508364.055	3963588.99	65367334.92
Central	PTC Mirrah Vayu	1887025.525	4582694.662	6449063.845	8132184.333	7173030.302	6237511.945	3660202.291	2422087.231	2624529.653	2324443.695	2025864.369	2537416.945	50056054.79
Central	PTC OSTRO	4859008.77	7775181.973	8018808.734	9575794.508	7238143.762	4216803.409	3731066.588	3969350.042	5700479.607	5062301.71	4559123.636	5964725.995	70671878.23
Central	PTC Live Energy	3344525.041	6189425.841	6291612.053	7725190.848	6226775.709	2837641.37	1917688.392	1228482.892	2202443.723	4312102.634	5144403.012	12014561.97	59434774.08
Siddhashram	Siddhashram	168315.35	61952.52	0	17792.15	0	0	0	0	0	0	133790.3	17523.87	394374.19
Distillers	Distillers	913322.83	819486.22	630648.41	197109.15	413301.07	596673.56	563239.74	242674.88	831205.48	850059	804163.115	956586.89	7818470.38
NEPAL	NEPAL	0	213991.12	1357.16	51021.88	2289712.32	3899964.32	16341658.93	220.08	440.16	440.16	220.08	1357.16	22800383.37
Charges	PGSCL	0	0	0	0	0	0	0	0	0	0	0	0	0
	PGCL	0	0	0	0	0	0	0	0	0	0	0	0	0
	BSPTCL	0	0	0	0	0	0	0	0	0	0	0	0	0
	SJDC	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bihar grid	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sale through PTC	-31450440.7	-8167407.24	-65880832.46	-25892143.78	-73198979.39	-43678942.9	-112837993.5	-24502078.9	-331513679.5	-30317624.5	-350913743	-176700800.1	-1841950036
	Sale through PMC	0	0	0	0	0	0	0	0	0	-3025733.2	-9356476.1	-135694163.9	-232284158.1
	Grand Total	1511102145	1365131324	1468551482	1743085292	1701530673	1628510056	1394007660	1016195120	1089533440	1232247525	1065414285	1415477623	16630781626

Handwritten signatures and initials in blue ink, including a large signature and the word "THC" written vertically.

Month	SCH. KWH	ACTUAL KWH	KWH	NBPDCL	SBPDCL
Apr-21	4,96,15,260	7,08,09,269	2,11,94,009	97,17,453.13	1,14,76,555.87
May-21	5,94,94,101	8,41,29,797	2,46,35,696	1,12,95,466.62	1,33,40,229.38
Jun-21	4,89,84,023	6,55,00,764	1,65,16,741	75,72,925.75	89,43,815.25
Jul-21	4,55,97,653	9,05,40,263	4,49,42,610	2,06,06,186.69	2,43,36,423.32
Aug-21	3,69,14,875	7,58,08,824	3,88,93,949	1,78,32,875.62	2,10,61,073.38
Sep-21	2,98,44,495	7,87,31,991	4,88,87,496	2,24,14,916.92	2,64,72,579.08
Oct-21	4,85,49,880	10,10,91,090	5,25,41,210	2,40,90,144.79	2,84,51,065.22
Nov-21	5,11,23,003	8,61,12,645	3,49,89,642	1,60,42,750.86	1,89,46,891.14
Dec-21	5,89,61,415	8,33,92,539	2,44,31,124	1,12,01,670.35	1,32,29,453.65
Jan-22	7,39,50,777	9,98,11,290	2,58,60,513	1,18,57,045.21	1,40,03,467.79
Feb-22	5,04,63,630	8,56,19,786	3,51,56,156	1,61,19,097.53	1,90,37,058.47
Mar-22	5,59,68,328	9,08,33,176	3,48,64,848	1,59,85,532.81	1,88,79,315.19
Total	60,94,67,440	1,01,23,81,434	40,29,13,994	18,47,36,066.25	21,81,77,927.75

184.74

JEE/EA/NBPDCL

SEE/EA/SBPDCL

176

TOTAL KWH TOTAL MU
 43441058 43.441058
 5087002 5.087002
 16077000 16.077
 8673000 8.673
 13877000 13.877
 18812908 18.812908
 162000 0.162
106229968

Division	Name of the feeder	April	May	June	July	August	September	October	November	December	January	February	March
Chapra (East)	(a) Rail wheel plant, Bela, Chapra-	1193240	283960	4242840	4789220	5262560	5964100	5420720	3560938	2934480	3107000	3140999	3541001
Chapra (East)	(G) Diesel Locomotive Pwr. Ltd Feeder - (00238482)	384000	364000	489000	503000	565000	578999	487001	0	497002	397000	409000	413000
Bettiah	132 KV TSS, Majhwaliya (R.T.S)	1337000	1100000	391000	970000	1245000	1317000	1414000	1351797	1552412	1439791	1916000	2053000
Bagha	(b) 132 KV Ramnagar railway (R.T.S)	675000	617000	421000	589000	634000	695000	847000	799000	720000	726000	844000	1106000
Moithari	132 KV Moithari Jivdhara TSS (R.T.S)	1102000	955000	558000	855000	1168000	1227000	1264000	1259000	1405000	1562000	1457000	1065000
Madhubani	132KV Pandaul TSS (R.T.S)	1698177	1421531	1393400	1228100	1344300	1148100	2616600	1850400	1645900	993000	1633400	1940000
Pupri	132 KV Bajpatti	0	0	0	0	0	0	0	0	0	51000	56000	55000
		6384417	4741491	7495240	8934320	10218660	10925199	12049321	8821135	8754794	8275791	9456399	10173001

TEJEEVARAJAN
 10/11/2019

XI. Brief description of Unit

The Discoms (NBPDC) are companies registered under the provisions of the Companies Act 1956 and are subsidiary companies of Bihar State Power (Holding) Company Limited (BSPHCL). Discoms have the universal obligation to supply electricity to all the consumers of the State of Bihar. While the energy billed by NBPDC for the customer is 11993.33 MU, the monthly consumption per customer stands at 87.80 KWH/Month. NBPDC caters to area spread in 9 circles, 46 Division i.e Muzaffarpur, Motihari, Chapra, Darbhanga Samastipur, Begusarai, Purnea, and Kishanganj & Saharsa.

VISION

NBPDC aspires to be the best electricity supply company in India by continuously enhancing its technological leadership and commercial acumen to satisfy its customers.

MISSION

Our Mission is to provide quality electricity supply services to each customer satisfying his / her needs in most efficient and effective manner at reasonable prices through continuous innovations and by maintaining commercial & financial viability of the company along with employee's satisfaction.

CORE VALUES

To achieve its mission, the Company and its employees commit themselves to honesty and integrity, result oriented work, transparency in work, dedication to duty, Cost consciousness, openness to suggestions and feedback from all stake holders

- Infrastructure Details of NBPDC

The total number of circles, Divisions, Feeders & DT's of NBPDC is given in the below table:

Parameters	Total
Number of circles	9
Number of divisions	46
Number of sub-divisions	148
Number of feeders	3784
Number of DTs	192298
Number of consumers	11382947

- NBPDC Customer wise connections & energy consumptions for FY 2020-21

Energy consumption with type of consumers is given in the table:

Type of Consumers	No of Consumers	Total Consumption (MU)	% Share
Commercial	780690	1856.73	15.48
Domestic	10415432	8485.99	70.76
HT Industrial	1344	835.96	6.97
Others-1 (if any , specify in remarks)	52933	347.16	2.89
Others-2 (if any , specify in remarks)	132548	467.49	3.90
Total	11382947.00	11993.33	100.00

XII. List of parameters arrived through calculation or Formulae with list of source of data

➤ Transmission and Distribution Losses (T&D Losses)

- Energy losses occur in the process of supplying electricity to consumers due to technical and commercial reasons.
- The technical losses are due to energy dissipated in the conductors, transformers and other equipment used for transmission, transformation, sub-transmission and distribution of power.
- These technical losses are inherent in a system and can be reduced to a certain level.
- Pilferage by hooking, bypassing meters, defective meters, errors in meter reading and in estimating un-metered supply of energy are the main sources of the commercial losses.
- When Commercial losses are added to Technical losses, it gives Transmission & Distribution (T&D) loss.
- There is another component of commercial losses, which is attributable to non-recovery of the billed amount, which is reflected in collection efficiency.
- T&D losses together with loss in collection give us Aggregate Technical & Commercial (AT&C) losses.

Calculation of transmission losses:

Transmission losses = Total Energy Purchased – Open access Sale - Total Input

Transmission losses (MU)	Value
Total Energy Purchased	16630.78
Open access sale (MU)	0
Transmission losses	633.63
Total Input	14679.9
Transmission losses (%)	3.81%

XIII. Recommendation to improved technical losses& commercial losses

1. Ensure Installation of Smart Meter/ Functional Meter in all consumers. DTR & Feeder.
2. Installation of Capacitor bank in S/s for power factor improvement.
3. GIS based mapping of all 33/11 KV Substations, 11KV Lines, DTR and all Consumers both HT & LT.
4. Development & Implementation of technology based energy accounting system including associated software as per guideline of BEE.