ENERGY AUDIT 2024-25

DHING COLLEGE, DHING, NAGAON, ASSAM

Conducted and Prepared by
Department of Physics, Dhing College

ENERGY AUDIT

DHING COLLEGE, DHING, NAGAON, ASSAM

AUDIT TEAM

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2. Dr. N.K. Barthakur (HoD& Associate Professor, Physics)

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5. Dr. Pankaj Saikia, Co-ordinator, IQAC, Dhing College

6. Manoj Bora (Research Scholar, AU, Silchar)

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Principal,
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ENERGY AUDIT TEAM

DHING COLLEGE
DHING : NAGAON
(ASSAM)
PIN : 782123
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Principal
Dhing College : Dhing :
Nagaon : : Assam

PREFACE

In the contemporary scenario, Energy has been identified as a crucial and balancing factor in the indices for sustainable development. The heavy and unbalanced energy consumption adversely affects energy price and economic growth.

The Energy Conservation Act, 2001, defines Energy auditing as "the verification, monitoring and analysis of use of energy including submission of technical report containing recommendations for improving energy efficiency with cost benefit analysis. It facilitates a systematic approach to the energy management in a system, trying to balance the total energy input with its use. It identifies all the energy streams in a system and quantifies the use of energy according to its discrete functions. It is a study to determine how and where energy is used, and to identify methods for energy savings. The Energy Auditing for a day is the index of the consumption which normalizes the situation of Energy crisis by providing the schemes for conservation of energy. The opportunities lie in the use of existing renewable energy technologies, greater efforts at energy efficiency and the dissemination of latest technologies

This report is our mite in contributing to the larger picture of effective energy management and conservation. As is known, energy auditing is an on-going process, a part of a larger procedure to ensure long- term sustainable development.

We have enlisted credible solutions based on the outcome of our analysis of data, and our recommendations, which can be implemented totally in the campus in order to ensure minimizing energy waste and maximizing energy potential. We hope in all earnest that these will be given its due and that the audit will be fruitful in terms of energy conservation.

Any suggestions to further enhance the quality of this work are always welcome.

Energy audit of College (PDF) is available from: www.dhingcollege.edu.in

Contents

INTRODUCTION

Dhing College, Dhing, located in the North western Part of Nagaon District at latitude 26.457457' and longitude 92.486363', is the pioneer institution of higher education. It was established in 1965 with a mission to spreading education and disseminating knowledge among the people of this socially and economically challenged locality. The college, being honored as 'The biggest College in the division' has some significant roles to play towards uplifting the status of education in the entire area. Keeping this view in forefront, every effort is being made to shape it as a Role Model college.

Dhing College is affiliated to GU. It mainly offers undergraduate courses in 14 subjects under three streams - Arts, Science and Commerce. Besides the UG courses, the college has been rendering a great social service by enrolling students in HS Science and Arts streams. The campus of the college is a sprawling one with 75 Bighas (46.425 Acre) of land where several Buildings as science Block, Arts Blocks, and Commerce Block, Administrative & Academic Block etc have been duly constructed to impart quality education. Besides these, the college has a G+2 Hostel Building to accommodate girls students hailed every year from distant places, a playground and an indoor stadium, and a G+2 Digital Library building to cater to the needs of ongoing education policy.

In August 2012 the college set up a Solar Power plant of its own to meet up the necessary power services. The said Plant satisfactorily yielded power till 2020, July. After that the solar plant became disfunctioning making the authority bound to approach APDCL for power suppliance. At Present, the college generates 5kw power from its solar plates, and during load shedding, a 4000 KW DJ generator substitutes the APDCL supply.

This energy audit is undertaken to verify the effectiveness of these steps related to 'Power' and to identify the loop-holes if any in the existing practices along with outlining measures for enhancing energy utilization.

This estimate of energy consumption has been calculated considering a tentative daily consumption of electricity by various electronic equipment and gadgets which approximately tallies with the actual calculation of energy consumption by APDCL.

Objectives

The task of energy audit undertaken by Department of Physics, Dhing College has objective to identify energy saving & conservation opportunity with electrical network & equipment load study with measurement & to recommend action plan with saving & financial calculation for implementation to materialize energy saving & conservation opportunity to save input energy cost. The energy audit was conducted during summer and winter season which was reviewed for implementation of energy saving & conservation opportunity already identified as well as quantified it.

1) Inventory of various electrical load
2) APDCL bill study & working out average cost of power.
3) Identification of various energy conservation measures & saving opportunity.
4) Review of Awareness program if any for optimum use of electricity as well as its saving.
5) Review of implemented non–conventional energy installation & applications in college campus & its quantification.

The Energy Audit Manual of the Energy Management Centre, Government of Assam, defines the primary objective of any energy audit as determining "ways to reduce energy consumption per unit of product output or to lower operates costs" .The recommendations of the study will become a basis for future schemes of better energy consumption and preservation throughout the organization.

Specific objectives of the study are:

- Verify the steps adopted for energy management in the campus
- Spot the inefficient or inadequate practices, if any
- Improve the energy preserving measures and methods
- Identify potential energy saving opportunities
- Formulate Possible steps and measures to be adopted in the campus

SYSTEMS STUDIED DURING ENERGY AUDIT

1) Lighting fixtures have been physically in various campuses verified & recorded.
2) Reviewed implemented non-conventional energy installation & applications in college for use.
3) Electricity bills served by APDCL are verified & worked out cost of power.
4) It is reviewed about awareness program if any for optimum use of electricity as well as its saving undertaken at college level. There is tremendous scope to create awareness among user about efficient& optimum use of energy to save. Instruction cum Request Sign board shall be displayed near each switch-board & toilet block, bathrooms to influence & guide to user to arrest misuse & wastage of power.

Methodology

An energy audit is an inspection, survey and analysis of energy flows, for energy conservation in a building, process or system to reduce the amount of energy input into the system without negatively affecting the output.
Method use for Energy audit is a Preliminary Audit. Preliminary audit uses existing data to look extensively at the existing energy consumption patterns and identifies the areas for improvement.

Data collection

For the purpose of this audit, audit groups for specific areas were formed. Data was collected through

- ✓ Inspection and observation
- ✓ Identification of energy consumption
- ✓ Calculations, analysis
- ✓ Validation

Data analysis

The gathered data was then quantified and separated according to the following criteria:

- ✓ Energy consumption by end use
- ✓ Estimated energy use block-wise
- ✓ Consumption equipment-wise

Table 1: Department wise with classrooms and labs electrical/electronic appliances and equipment

SL No	Room / Building	Tube light	LED	Fan	AC	Freeze	Computer+Printer+Xerox	LCD TV	Water Purifier	Inverter/ Motor	Others
1	Physics	07	10	25+4 (Wall fan)	1	-	1+1	-	2		
2	Chemistry	12	7	12 + 5 (exhaust fan)	-	1	2	1	1	1/-	
3	Mathematics	05	3	8+2 (wall fan)			2		1		
4	Botany	06	4	07		1	1		1		
5	Zoology	14	5	15		1	1		1		
6	Biotech Hub	03	4	3+1(wall fan)+1 (stand fan)	2	1	3		1	1/-	
7	Geography	05	7	09			4		1	1/-	
8	Political Science	03	6	08					1		
9	Economics	01	6	9+1(wall fan)		1	1		1		

10	History	03	4	7+1(wall fan)			1		1		
11	Bengali	01	4	04					1		
12	English	04	3	11			10		1		
13	Education	05	5	10					1		
14	Assamese	05	6	09			1		1		
15	Commerce	04	8	09			1		1		
16	Central Library	20	39	31+2(wall fan)		1	23+2	1	1	1/1	
17	IQAC	02	1	03			1				
18	Computer lab	02	-	03			9				
19	Seminar Hall	01	19	11	04		1	1			
20	Office 1,2 3	05	6	11			3+3+2		1	1/1	
20	Principal room & conference room		20	6+1(wall fan)	02		3+1	1	1		
21	Examination control	02	2	04			6				
22	Zone	04	-	05							
23	Hall 1,2,3,4,5	10	31	49							4 amplifier
24	Teachers common room	02	02	06					1		
25	NCC		01	01							
26	Vice Principal room	01	01	1+1(wall fan)			1		1		
27	Medical room	02	02	02							
28	Girls Hostel	25	30	26	01			1	4	1/3	
29	Boys hostel	10	13	12					1	-/1	
30	Indoor	09	06	40					1	-/1	
31	Canteen and security room	03	31	11+2 (wall mount)		02				-/1	
32	Bearer campus		07	4				1			
33	Street light/sign board/campus (solar)	07									23 CCTV/ 5

											Halogen
34	Boys common room		06	4					1		
35	Girls common room	02	03	3					2		
36	Skill room	02	02	5							
37	I&T Room			3				1			
Total		187	304	407	10	08	75+7+2	7	30	6/8	

Table 2: Estimated energy consumption in KWH during summer

Items	Number	Power in W/item	TIME consumed (In hours)	Days	TOTAL Power consumption in KWH
Tube light	90 + 97 used	20	4	24	186.24
LED	179 + 125 used	12	2	24	72
Ceiling Fan	80 +70 used	80	3	24	403.2
Exhaust fan	05	100	2	24	24
Wall mount Fan/ stand fan	10 + 6 used	50	3	24	21.6
AC	6 + 4 used	1000	4	24	384
Freeze	8	250	0.5	24	24

Computer	40 + 35 used	100	2	24	168
Printer	7	30	0.5	24	2.52
Xerox machine	2	2000	0.5	24	48
LCD TV	7	40	1	24	6.72
Aqua guard	30	60	0.5	24	21.6
Inverter	3	1500	1	24	108
Water Motor	3	750	0.5	24	27
CCTV	24	50	24	30	864
Halogen	5	1000	08	30	1200
Total					**3560.88**

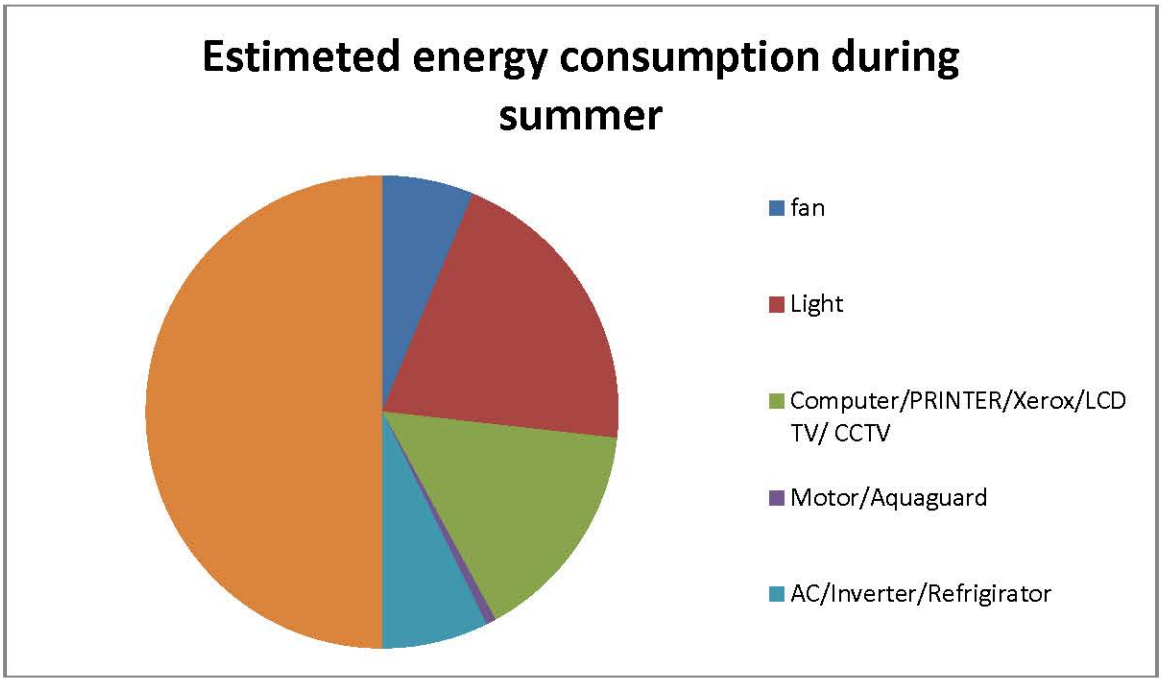

Fig 1: Energy consumption by and use (summer)

Table 3: Estimated energy consumption in KWH during winter

Items	Number	Power in W/item	TIME consumed (In hours)	Days	TOTAL Power consumption in KWH
Tube light	90+ 97 used	20	4	24	186.24
LED	179+ 125 used	12	2	24	72
Ceiling Fan	80+70 used	80	0	24	0
Exhaust fan	05	100	2	24	24
Wall mount Fan/ stand fan	16	50	0	24	0
AC	10	1000	0	24	0
Freeze	8 + 2 used	250	0.5	24	6
Computer	40+ 35 used	100	2	24	168
Printer	7	30	0.5	24	2.52
Xerox machine	2	2000	0.5	24	48
LCD TV	7	40	1	24	6.72
Aqua guard	20+ 10 used	60	0.5	24	7.2
Inverter	3	1500	0.5	24	54
Water Motor	3	750	0.5	24	27
CCTV	24	50	24	30	864
Halogen	5	1000	8	30	1200
Total					**2665.68**

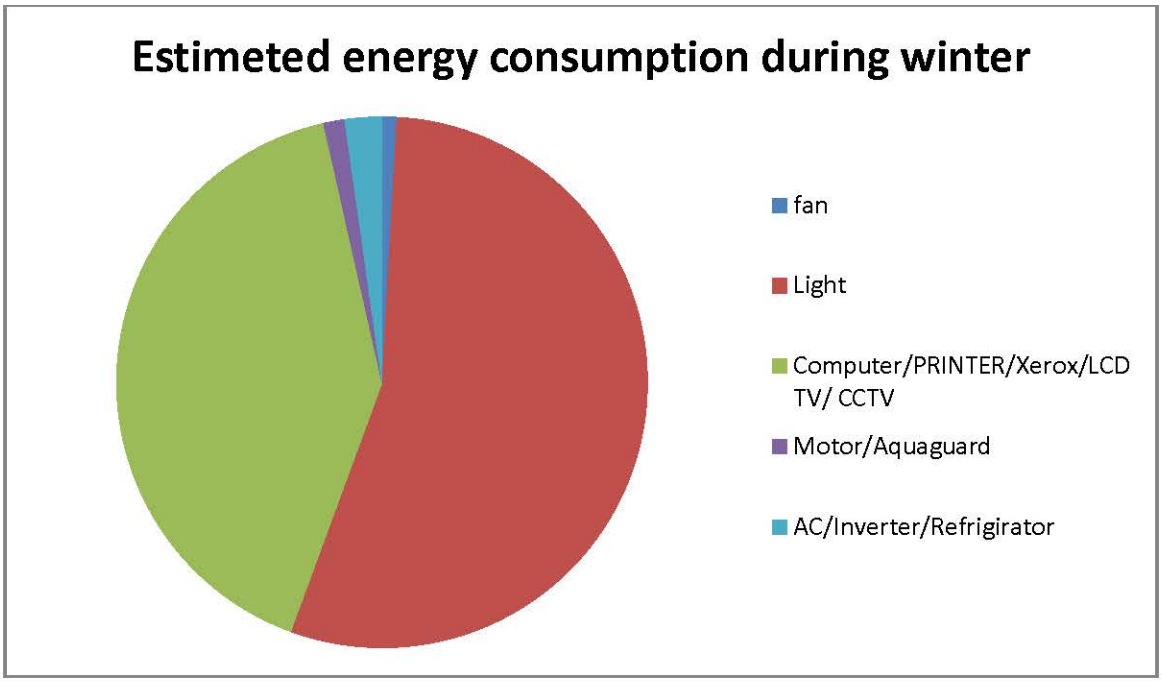

Fig 2: Energy consumption by and use (winter)

FINDINGS AND RECOMMENDATIONS

Findings	Recommendation
The electrical wiring of many building was found to be old and inefficient	Replace old electrical cables with the new ones
There seem to be a lack of judicious use of power among students and staff. During the study, it was found that lights, fans and computers were kept on working mode in many rooms, without a single person present.	Students and staffs should be exhorted constantly to use energy judiciously. Posters and pamphlets should be distributed and notices about saving energy should be posted at major points of use.
Many departments still use bulbs causing heavy power loss	Filament bulbs and CFLs should be replaced with LEDs.
Solar panels are not in working condition.	Necessary action must be taken to activate solar panels as early as possible.
AC, refrigerators and freezers used in many departments use obsolete technology and hence cause power loss.	Gadgets and equipments should be repaired and/or replaced with latest ones to save energy(five star)
It is noticed that resistive regulators are used.	Resistive regulators should be replaced by electronic regulator.
It is noticed that maximum numbers of desktops are used.	Desktops must be replaced by laptops to save energy.

Identify easiest areas of attention

Based on the physical observation and the analysis of data collected, certain areas have been identified as areas of attention.

1. Old wiring cables in many parts of the campus leading to loss of energy and short-circuit
2. Use of tubes in certain rooms.
3. There is no use of solar panels.
4. Use of old equipment in laboratories.
5. Use of large numbers of indicators on boards.
6. Lighting facilities in classrooms.
7. Awareness among students and bearers.

Estimate the Scope for Saving

The study could identify a large scope for saving energy in the campus, including

- Updating of technologies in laboratory equipment.
- Replacing old electrical cables.
- Replacing tubes with LEDs.
- Ensuring even lighting facilities in rooms.
- Turn off electrical equipments when not in use.

- False ceilings in classroom for maintaining optimum room temperature
- Use computers and electronic equipments in power saving mode.
- use of Solar panels which was functioning till July 2020as a main source of lighting, especially common areas.

Identify immediate areas of improvement

Based on the study, certain areas were identified as requiring immediate improvement. These are

1. Replacing tubes with LEDs
2. Repairing and updating laboratory equipment
3. Encouraging students and staff to switch off electrical instrument.
4. Replacing old electrical wirings in Arts 7 Science Block including Hostels

CONCLUSION

- ✓ A master switch located at a prominent place which can be directly supervised by the HoD/supervising staff would help avoiding power wastage in closed rooms.
- ✓ A well-prepared electrical wiring plan for the campus, which would help to identify unused points and re-wiring.
- ✓ A training /lecture for both students and staff to aware the need of energy conservation. If everyone ensures switching off lights, fans and electrical instrument that are not in use, roughly 10% of energy saving is possible.
- ✓ Instruction cum Request Sign board shall be displayed near each switch-board, toilet block & bathrooms to influence & guide to user to arrest misuse & wastage of power.
- ✓ The scope for non-conventional energy should be utilized.
- ✓ Power capacitors shall be provided to motor-pump set in campus as below for reducing electrical demand & improving power factor.

----END OF THE REPORT----

Assam Power Distribution Company Limited

ELECTRICAL SUB-DIVISION/IRCA : Dhing

CIN : U40109AS2003SGC007242

GSTIN : 18AABCL1354J1ZJ

Consumer billing History Summary

Generated Date: 29/05/2025 12:49:40 PM

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31/03/2025	510266817	15226.03	N/A	N/A	0	Prepaid Statement
28/02/2025	509276962	23912.54	N/A	N/A	35000	Prepaid Statement
01/02/2025	NO BILL	0	N/A	N/A	0	Prepaid Statement
20/12/2024	507145785	6610.53	N/A	N/A	0	Prepaid Statement
30/11/2024	506589374	19233.05	N/A	N/A	30000	Prepaid Statement
31/10/2024	505775589	22297.74	N/A	N/A	0	Prepaid Statement
30/09/2024	504948685	32613.57	N/A	N/A	35000	Prepaid Statement
31/08/2024	504176106	32109.88	N/A	N/A	30000	Prepaid Statement
31/07/2024	503410420	17122.74	N/A	N/A	36000	Prepaid Statement
30/06/2024	502760324	20914.26	N/A	N/A	0	Prepaid Statement
31/05/2024	502206608	23004.59	N/A	N/A	35000	Prepaid Statement
30/04/2024	501784785	19128.78	N/A	N/A	30000	Prepaid Statement
31/03/2024	501652432	16432.73	N/A	N/A	30000	Prepaid Statement
29/02/2024	501516943	14611.21	N/A	N/A	15000	Prepaid Statement
11/02/2024	901985955	14786	0	N/A	0	Energy Bill
21/01/2024	901954032	15508	0	30/01/2024	15508	Energy Bill
13/12/2023	901903814	37122	0	18/12/2023	37122	Energy Bill
15/11/2023	901861383	19969	0	N/A	0	Energy Bill
27/10/2023	901820169	23753	0	31/10/2023	23753	Energy Bill
18/09/2023	901774778	22854	0	20/09/2023	22854	Energy Bill
07/08/2023	901701473	61391	0	08/08/2023	61391	Energy Bill
14/05/2023	901587577	19102	0	05/07/2023	19102	Energy Bill
18/04/2023	901547774	15634	0	11/05/2023	15634	Energy Bill
28/03/2023	901505184	15436	0	29/03/2023	15436	Energy Bill
13/02/2023	901452455	18257	0	22/02/2023	18257	Energy Bill
06/01/2023	901380456	18238	0	19/01/2023	18238	Energy Bill
23/12/2022	200011641	7782	N/A	26/12/2022	7782	METER COST BILL
05/12/2022	901334472	19467	0	15/12/2022	19467	Energy Bill
02/11/2022	901277537	19112	0	14/11/2022	19112	Energy Bill
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02/07/2022	901087714	20777	0	14/07/2022	20777	Energy Bill
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04/03/2022	900910894	15138	0	15/03/2022	15138	Energy Bill
02/02/2022	900856180	16547	0	09/02/2022	16547	Energy Bill
05/01/2022	900818276	13848	0	20/01/2022	13848	Energy Bill

Assam Power Distribution Company Limited

ELECTRICAL SUB-DIVISION/IRCA : Dhing

CIN : U40109AS2003SGC007242

GSTIN : 18AABCL1354J1ZJ

Consumer reading History Summary

Generated Date: 29/05/2025 12:51:01 PM

Meter No	Prev Reading	Prev Reading Date	Curr Reading	Curr Reading Date	Units Billed	Maximum Demand	MF	PF	Meter Status	AVG/Day	Net Prev Reading	Net Curr Reading
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AP10094559	0	17/12/2023	723	31/12/2023	716	1	1	93	Normal	48.2	6	7
x1606480	23121	02/12/2023	24067	16/12/2023	937	1	1	93	Normal	48.2	6	7
x1606480	21292	02/11/2023	23121	01/12/2023	1811	1	1	93	Normal	60.97	6	6
x1606480	19097	02/10/2023	21292	01/11/2023	2173	1	1	93	Normal	70.81	5	6
x1606480	16418	02/09/2023	19097	01/10/2023	2625	1	1	96	Normal	89.3	4	5
x1606480	13662	02/08/2023	16418	01/09/2023	2701	1	1	96	Normal	88.9	3	4
x1606480	6425	02/05/2023	13662	01/08/2023	7092	1	1	96	Normal	78.66	2	3
x1606480	3967	01/04/2023	6425	01/05/2023	2409	1	1	97	Normal	79.29	2	2
x1606480	1959	02/03/2023	3967	31/03/2023	1968	1	1	97	Normal	66.93	1	2
x1606480	0	04/02/2023	1959	01/03/2023	1959	1	1	85	Normal	75.35	0	1
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SI1118	69532	02/01/2021	70630	01/02/2021	1098	0	1	85	Normal	35.42	—	—
SI1118	67245	02/11/2020	69532	01/01/2021	2287	0	1	85	Normal	37.49	—	—
SI1118	66853	02/10/2020	67245	01/11/2020	392	0	1	85	Normal	12.65	—	—
SI1118	65529	02/08/2020	66853	01/10/2020	1324	0	1	85	Normal	21.7	—	—

Assam Power Distribution Company Limited

ELECTRICAL SUB-DIVISION/IRCA : Dhing

CIN : U40109AS2003SGC007242

GSTIN : 18AABCL1354J1ZJ

Smart Prepaid Bill Details report Summary

Generated Date: 29/05/2025 12:51:50 PM

Consumer No	Bill No	Bill Date	Meter No	Previous Reading	Previous Reading Date	Current Reading	Current Reading Date	UNIC	PF_PL_RB	UNIB	UNIT_SLAB1	UNIT_SLAB2	UNIT_SLAB3	UNIT_SLAB4	UNIT_SLAB5	SLAB1	SLAB2	SLAB3	SLAB4	SLAB5	ELCH	SUBSIDY	ELCH_TOT	FXCH	FPA	ELDT	CURDMD	NET_BILL	NET_PAYMENT
126000019056	511265996	3:50 AM 30/04/2025	AP10094559	32516.08	29/04/2025	32569.07	30/04/2025	52.99	0	52.99	52.99	0	0	0	0	418.09	0	0	0	0	418.09	0	418.09	56.22	0	23.72	498.03	498.03	0
126000019056	511232226	3:50 AM 29/04/2025	AP10094559	32465.64	28/04/2025	32516.08	29/04/2025	50.44	0	50.44	50.44	0	0	0	0	397.97	0	0	0	0	397.97	0	397.97	56.22	0	22.71	476.9	476.9	0
126000019056	511198201	3:50 AM 28/04/2025	AP10094559	32430.96	27/04/2025	32465.64	28/04/2025	34.68	0	34.68	34.68	0	0	0	0	273.63	0	0	0	0	273.63	0	273.63	56.22	0	16.49	346.34	346.34	0
126000019056	511164055	3:50 AM 27/04/2025	AP10094559	32358.72	26/04/2025	32430.96	27/04/2025	72.24	0	72.24	72.24	0	0	0	0	569.97	0	0	0	0	569.97	0	569.97	56.22	0	31.31	657.5	657.5	0
126000019056	511130029	3:50 AM 26/04/2025	AP10094559	32283.14	25/04/2025	32358.72	26/04/2025	75.58	0	75.58	75.58	0	0	0	0	596.33	0	0	0	0	596.33	0	596.33	56.22	0	32.63	685.18	685.18	0
126000019056	511096007	3:50 AM 25/04/2025	AP10094559	32189.98	24/04/2025	32283.14	25/04/2025	93.16	0	93.16	93.16	0	0	0	0	735.03	0	0	0	0	735.03	0	735.03	56.22	0	39.56	830.81	830.81	0
126000019056	511061730	3:50 AM 24/04/2025	AP10094559	32117.61	23/04/2025	32189.98	24/04/2025	72.37	0	72.37	72.37	0	0	0	0	571	0	0	0	0	571	0	571	56.22	0	31.36	658.58	658.58	0
126000019056	511029888	3:50 AM 23/04/2025	AP10094559	32048.81	22/04/2025	32117.61	23/04/2025	68.8	0	68.8	68.8	0	0	0	0	542.83	0	0	0	0	542.83	0	542.83	56.22	0	29.95	629	629	0
126000019056	510999555	3:50 AM 22/04/2025	AP10094559	31958.79	21/04/2025	32048.81	22/04/2025	90.02	0	90.02	90.02	0	0	0	0	710.26	0	0	0	0	710.26	0	710.26	56.22	0	38.32	804.8	804.8	0
126000019056	510995233	7:50 AM 21/04/2025	AP10094559	31923.68	20/04/2025	31958.79	21/04/2025	35.11	0	35.11	35.11	0	0	0	0	277.02	0	0	0	0	277.02	0	277.02	56.22	0	16.66	349.9	349.9	0
126000019056	510932759	3:50 AM 20/04/2025	AP10094559	31853.07	19/04/2025	31923.68	20/04/2025	70.61	0	70.61	70.61	0	0	0	0	557.11	0	0	0	0	557.11	0	557.11	56.22	0	30.67	644	644	0
126000019056	510898581	3:50 AM 19/04/2025	AP10094559	31814.14	18/04/2025	31853.07	19/04/2025	38.93	0	38.93	38.93	0	0	0	0	307.16	0	0	0	0	307.16	0	307.16	56.22	0	18.17	381.55	381.55	0
126000019056	510864498	3:50 AM 18/04/2025	AP10094559	31759.72	17/04/2025	31814.14	18/04/2025	54.42	0	54.42	54.42	0	0	0	0	429.37	0	0	0	0	429.37	0	429.37	56.22	0	24.28	509.87	509.87	0
126000019056	510830487	3:50 AM 17/04/2025	AP10094559	31725.87	16/04/2025	31759.72	17/04/2025	33.85	0	33.85	33.85	0	0	0	0	267.08	0	0	0	0	267.08	0	267.08	56.22	0	16.16	339.46	339.46	0
126000019056	510797082	3:50 AM 16/04/2025	AP10094559	31689.96	15/04/2025	31725.87	16/04/2025	35.91	0	35.91	35.91	0	0	0	0	283.33	0	0	0	0	283.33	0	283.33	56.22	0	16.98	356.53	356.53	0
126000019056	510763643	3:50 AM 15/04/2025	AP10094559	31644.43	14/04/2025	31689.96	15/04/2025	45.53	0	45.53	45.53	0	0	0	0	359.23	0	0	0	0	359.23	0	359.23	56.22	0	20.77	436.22	436.22	0
126000019056	510730147	3:50 AM 14/04/2025	AP10094559	31601.27	13/04/2025	31644.43	14/04/2025	43.16	0	43.16	43.16	0	0	0	0	340.53	0	0	0	0	340.53	0	340.53	56.22	0	19.84	416.59	416.59	0
126000019056	510696671	3:50 AM 13/04/2025	AP10094559	31552.75	12/04/2025	31601.27	13/04/2025	48.52	0	48.52	48.52	0	0	0	0	382.82	0	0	0	0	382.82	0	382.82	56.22	0	21.95	460.99	460.99	0
126000019056	510663075	3:50 AM 12/04/2025	AP10094559	31490.16	11/04/2025	31552.75	12/04/2025	62.59	0	62.59	62.59	0	0	0	0	493.84	0	0	0	0	493.84	0	493.84	56.22	0	27.5	577.56	577.56	0
126000019056	510630994	3:50 AM 11/04/2025	AP10094559	31399.78	10/04/2025	31490.16	11/04/2025	90.38	0	90.38	90.38	0	0	0	0	713.1	0	0	0	0	713.1	0	713.1	56.22	0	38.47	807.79	807.79	0
126000019056	510597938	3:50 AM 10/04/2025	AP10094559	31320.4	09/04/2025	31399.78	10/04/2025	79.38	0	79.38	79.38	0	0	0	0	626.31	0	0	0	0	626.31	0	626.31	56.22	0	34.13	716.66	716.66	0
126000019056	510564875	3:50 AM 09/04/2025	AP10094559	31243.26	08/04/2025	31320.4	09/04/2025	77.14	0	77.14	77.14	0	0	0	0	608.63	0	0	0	0	608.63	0	608.63	56.22	0	33.24	698.09	698.09	0
126000019056	510531813	3:50 AM 08/04/2025	AP10094559	31166.06	07/04/2025	31243.26	08/04/2025	77.2	0	77.2	77.2	0	0	0	0	609.11	0	0	0	0	609.11	0	609.11	47.34	0	32.82	689.27	689.27	0

Consumer No	Bill No	Bill Date	Meter No	Previous Reading	Previous Reading Date	Current Reading	Current Reading Date	UNIC	PF_PI_RB	UNIB	UNIT_SLAB1	UNIT_SLAB2	UNIT_SLAB3	UNIT_SLAB4	UNIT_SLAB5	SLAB1	SLAB2	SLAB3	SLAB4	SLAB5	ELCH	SUBSIDY	ELCH_TOT	FXCH	FPA	ELDT	CURDMD	NET_BILL	NET_PAYMENT
		25																										
126000019056	510498709	3:50 AM 07/04/2025	AP10094559	31119.47	06/04/2025	31166.06	07/04/2025	46.59	0	46.59	46.59	0	0	0	0	367.6	0	0	0	0	367.6	0	367.6	47.34	0	20.75	435.69	435.69	0
126000019056	510465605	3:50 AM 06/04/2025	AP10094559	31038.39	05/04/2025	31119.47	06/04/2025	81.08	0	81.08	81.08	0	0	0	0	639.72	0	0	0	0	639.72	0	639.72	47.34	0	34.35	721.41	721.41	0
126000019056	510432530	3:50 AM 05/04/2025	AP10094559	30962.66	04/04/2025	31038.39	05/04/2025	75.73	0	75.73	75.73	0	0	0	0	597.51	0	0	0	0	597.51	0	597.51	47.34	0	32.24	677.09	677.09	0
126000019056	510399320	3:50 AM 04/04/2025	AP10094559	30885.91	03/04/2025	30962.66	04/04/2025	76.75	0	76.75	76.75	0	0	0	0	605.56	0	0	0	0	605.56	0	605.56	47.34	0	32.65	685.55	685.55	0
126000019056	510366281	3:50 AM 03/04/2025	AP10094559	30812.47	02/04/2025	30885.91	03/04/2025	73.44	0	73.44	73.44	0	0	0	0	579.44	0	0	0	0	579.44	0	579.44	47.34	0	31.34	658.12	658.12	30000
126000019056	510333179	3:50 AM 02/04/2025	AP10094559	30766.23	01/04/2025	30812.47	02/04/2025	46.24	0	46.24	46.24	0	0	0	0	364.83	0	0	0	0	364.83	0	364.83	47.34	0	20.61	432.78	432.78	0
126000019056	510299993	3:50 AM 01/04/2025	AP10094559	30722.55	31/03/2025	30766.23	01/04/2025	43.68	0	43.68	43.68	0	0	0	0	344.64	0	0	0	0	344.64	0	344.64	47.34	0	19.6	411.58	411.58	0