

Department of B.Voc. Renewable energy
Technology and management,
New Arts, Commerce & Science
College, Parmer.

To,
The Principal
New Arts, Commerce & Science
College, Parmer

Subject –Submission of Energy Audit for academic year 2023-24.

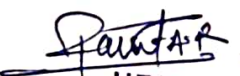
Respected Sir,

According to the previous email dated 1st August 2024 we are complete the all energy audit of our campus. The details of all energy audit are attached with necessary documents. Please accept the details of energy audit. The same copy of energy audit is submitted by email Also.


Thank you.


Department of Renewable energy
Technology and management,
New Arts, Commerce &
Science College, Parmer.




HEAD
Department of B.Voc
New Arts, Commerce and Science College
Parmer, 414302 Dist. Ahmednagar


IQAC Co-ordinator
IQAC COORDINATOR
New Art's, Commerce & Science College
Parmer, Dist. Ahmednagar


Vice Principal
VICE PRINCIPAL
New Arts, Commerce & Science
College, Parmer, Dist. Ahmednagar


Principal
PRINCIPAL
New Arts, Commerce & Science College
Parmer, Dist. Ahmednagar

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's
New Arts Commerce and Science College, Parner
Skill Development Centre
Department of B.Voc. - Renewable Energy Technology and Management
Academic Year:-2023-2024
Energy Audit Report of New Arts, Commerce and Science College, Parner

Energy Audit

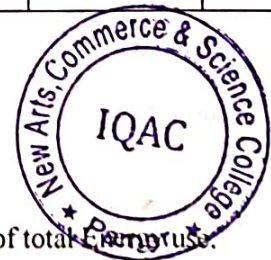
An energy audit is an inspection, survey and analysis of energy flows, for energy conservation in a building, process or system to reduce the amount of energy input into the system without negatively affecting the output(s). In commercial and industrial real estate, an energy audit is the first step in identifying opportunities to reduce energy expense and carbon footprints.

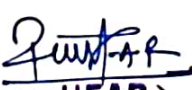
1. Electricity Bill Analysis (June-2023 to May-2024)

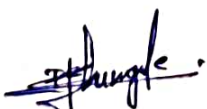
Sr. No.	Area (Meter No)	Total Units (kWh)	Amount (Rs.)	% Energy Consumption	% Bill Consumption	Nonconventional Energy Total Units (kWh)	% Energy Consumption Nonconventional Energy mode
1.	950520095707	5265	52957	8.5	36.9	-	10.8
2.	150520106865	87	177	0.1	0.1	-	
3.	150520906951	7507	8992	12.0	6.3	-	
4.	150520095693	12718	20440	20.5	14.2	-	
5.	150520936451	20621	36540	33.2	25.5	-	
6.	150528020820	888	8660	1.43	6.0	7772	
7.	150520930193	14988	15710	24.1	10.9	722	
	Total	62074	143476	100%	100%	8500	


Observation -

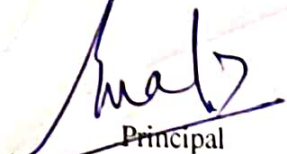
- ❖ Total monthly energy consumption of the college campus is 5172 units.
- ❖ Total monthly billing is Rs.11956.
- ❖ Meter No – 150520936451 is consumption more energy and its approx. 33.2 % of total energy use.
- ❖ Generation of electricity by Nonconventional Energy source is about 8500 units and it is 10.8 % of total energy use.



 **HEAD**
 Nodal Officer
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