

ENERGY AUDIT REPORT

SESSION 2018-19 TO 2019-20

GOVT NAVEEN COLLEGE JANAKPUR

DISTT - KOREA (C.G)

SUBMITTED

TO

PRINCIPAL

GOVT.NAVEEN COLLEGE JANAKPUR

DISTT- KORIYA (C.G.)

BY

Dr. S.P. TRIPATHI

ASST. PROF. (SOCIOLOGY)

&

SHRI ATUL KUMAR VARMA

ASST. PROF. (POLITICAL SCIENCE)

&

Mr. Deepak verma

Guest Lect. (Botany)

Collaboration of sociology, Botany, zoology, department

GOVT.NAVEEN COLLEGE JANAKPUR DIST.KORIYA (C.G)

PREFACE

Data collection for energy audit of Govt. Naveen college Janakpur distt Korea (C.G) was conceded by the collaboration of sociology, Botany, zoology, department for the period 10 December 2018 to 12 February 2020. This was over sighted to inquire about convenience to progress to energy competence of the campus. This audit required to recognize the mainly energy proficient appliances. The energy audit saver was completed by collaboration of department of sociology, Botany, zoology, department. the work is complete by considering how much fans, LED Bulbs, CFL, Tube light, computer, printer project and other electronic each rooms. All data are collected from office, class room laboratory, outside campus courtyard, gallery etc.

ENERGY AUDIT REPORT OF

Govt Naveen college Janakpur

In India the entire field of education and intelligent activities had been cornered by a handful of men before independence. But today we are travelling towards the desirable status of a sustained one. For achieving such an interminable development energy management is essential. The country has motivated strategy to enlarge its renewable energy resources and policy to establish the nuclear power plants. Energy conservation means reduction in energy consumption without making any sacrifice of quantity or quality. It will lead to sufficient rating of equipment's using high efficiency equipment and change of habits which causes enormous wastage of energy. By observation all these studies lack of electricity and huge electricity it's necessary to plant to be self-sufficient in electricity requirement. Energy conservation is the decision of using less energy, turning off the light, fans and other electronic device when you leave the room unplugging appliances when they are not in use. In the present study, college, electricity audit has been done. In study there are considered practical laboratory, instrument, fans air coolers, computer, freezer, water filter, LED bulb, tube light projector etc.

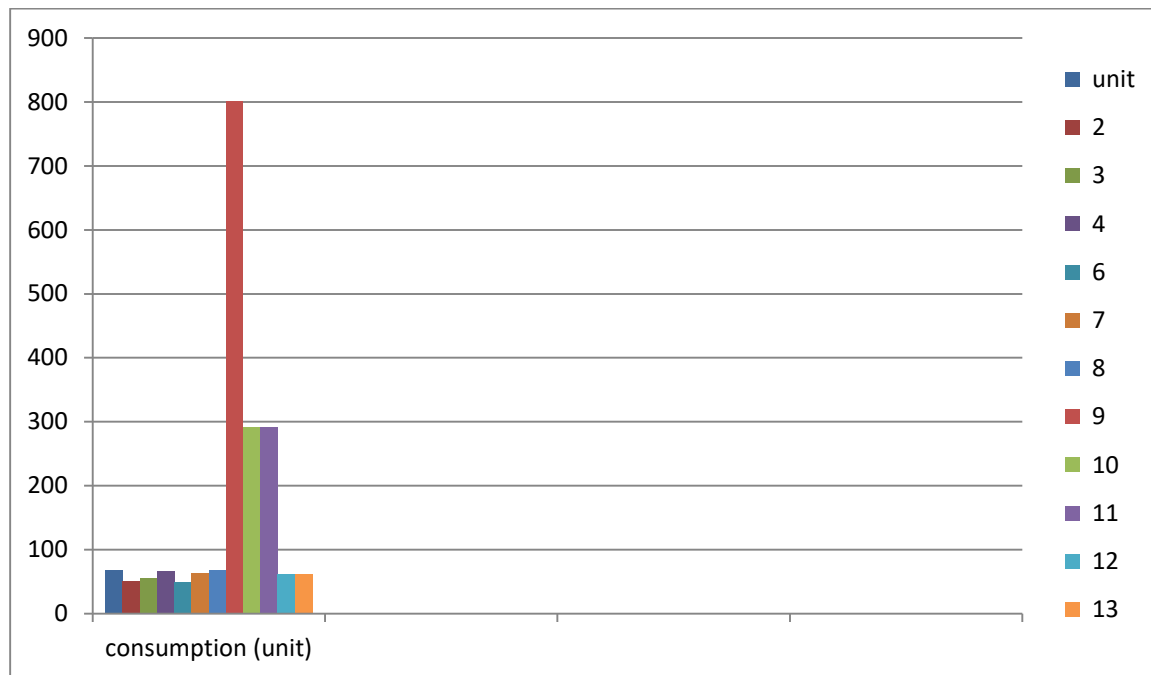
Power consumption of electricity from 01-04-2019 TO 31-04-2020

Sr.	Month	Consumption (in unit)
1	APRIL 2019	68
2	MAY 2019	51
3	JUNE 2019	55
4	JULY 2019	67
5	AUGUST 2019	50
6	SEPTEMBER 2019	54
7	OCTOBER 2019	68
8	NOVEMBER 2019	801
9	DECMBER 2019	292
10	JANUBARY 2020	292
11	FREBUARY 2020	62
12	MARCH 2020	62

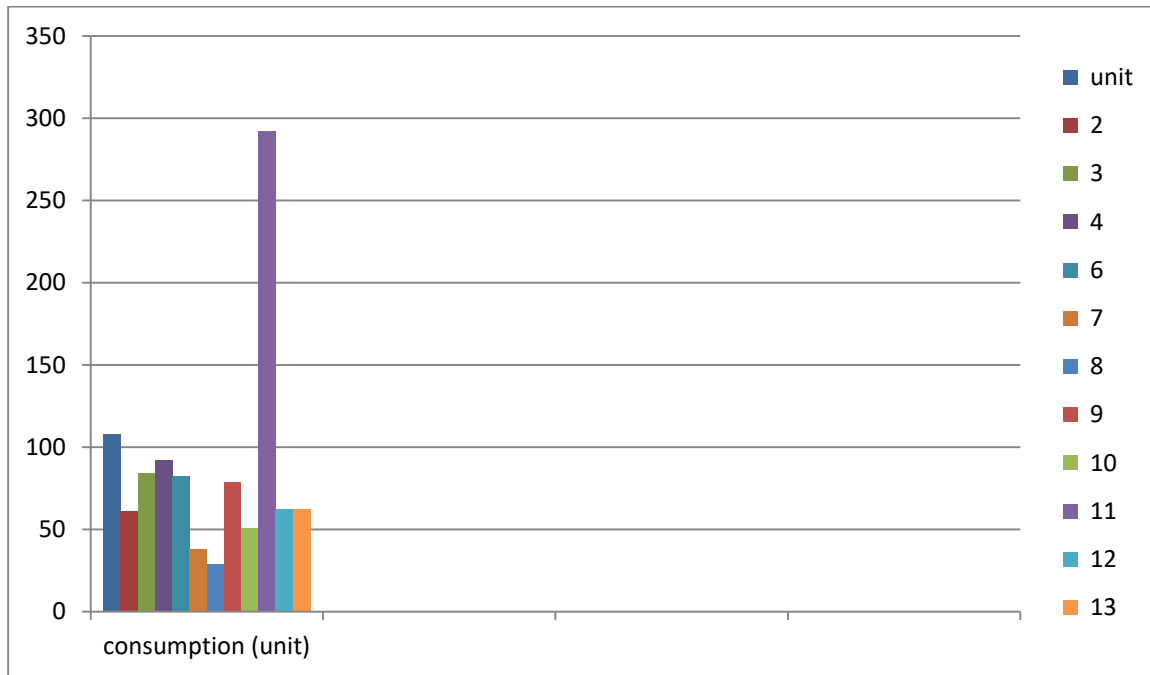
Power consumption of electricity from 01-04-2020 TO 31-03-2021

Sr.	Month	Consumption (in unit)
1	APRIL 2020	108
2	MAY 2020	61
3	JUNE 2020	84
4	JULY 2020	92
5	AUGUST 2020	82
6	SEPTEMBER 2020	38
7	OCTOBER 2020	29
8	NOVEMBER 2020	71
9	DECMBER 2020	51
10	JANUBARY 2021	292
11	FREBUARY 2021	62
12	MARCH 2021	62

ELECTRICITY BILL CONSUMPTION DURING
01-04-2019 TO 31-04-2020



ELECTRICITY BILL CONSUMPTION DURING
01-04-2020 TO 31-03-2021



Conclusion:

All these data are generated in energy audit are effectively useful for understand the energy distribution and utilization of college, all the collected from practical laboratory, fans, bulb, computer etc. in the above study. The college needs maximum 2675.0 of electricity consumption only 481.16 units per month.

RECOMMENDATION:

1. USE SOLAR ENERGY.
2. Replace all CFL and tube light using LED bulb for saving the more power.



Principal
शास. नवीन महाविद्यालय
जनकपुर जिला-कोरिया (उ.ग.)
Govt. Naveen College Janakpur
Distt- Korea (C.G.)