



Ref: SJH/ENE/EAR/014

Date: 25/04/2022

CERTIFICATE

This is to certify that Energy Audit was conducted at Swahid Peoli Phukan College (SPP) College, Namti, Sivasagar from 24th to 27th of March 2022. The summary of the energy audit report are as listed below:

Location of the College

SWAHID PEOLI PHUKAN COLLEGE (SPP)
NAMTI, SIVASAGAR, ASSAM
PIN: 785684

Longitude : 94.646811°
Latitude : 26.872131°

Sl. No	Description of the Building	Units/parameter	Values
1	Connected Load	kW	33
2	Contracted Demands	kVA	39
3	Installed capacity of DG set	kVA	15
4	Annual electricity consumption	kWh	9135
	Annual cost of electricity consumption @ 6.45/unit	Rs.	58919
	Fixed charges, surcharge, late fee etc (As per bill)	Rs.	62286
	Total cost of electricity (as per bill) including all the component	Rs.	121204
	Annual cost of electricity consumption through DG set (Considering Rs. 3,000/ Month Diesel Charges)	Rs.	36000
	Total cost of electricity (Utility+DG set)	Rs.	157204
5	Number of building	No.	3
6	Working hours (Academic and Administration building)	Hrs	8 Hrs (9AM to 5PM)
7	Working hours (Hostel building)	Hrs	24x7
8	Working Days/week of the College	Days	6 days
9	Whether sub-metering of electricity consumption for each building	No.	No sub-meter

Samar Jyoti Hazarika
25/4/2022

Samar Jyoti Hazarika
Assistant Professor

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Monthly energy consumption and energy bill of SPP College are as follows

Sl. No	Description of the Building	Units/parameter	Values
1	Monthly Average consumption	kWh/month	830
2	Monthly average energy consumption cost@6.45 and including fixed charges as applicable	Rs./month	5356
3	Annual energy consumption	kWh/annum	58919
4	Annual energy consumption cost	kW/annum	11019
5	Connected load	kW	33
6	Average P.F maintained		99

Samar Jyoti Hazarika
25/4/22

Samar Jyoti Hazarika
Assistant Professor

Mr. Samar Jyoti Hazarika, B.E (Mechanical), M. Tech (Energy Technology),
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