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PRANAV ENTERPRISES

(GOVT REGISTERED A - CLASS ELECTRICAL CONTRACTOR)

Lic. No: 03/14/1246

OFFICE: MAHARSHI CHOWK, MANGLA, BILASPUR (CG)- 495002

ENERGY AUDIT REPORT

Based on the reports and analysis of energy data of **Pt. Sundarlal Sharma (open) University Bilaspur, Chhattisgarh**, this is to certified that solar PV plant of capacity 50KW installed inside University campus has fulfilled the **30%** energy consumption demand of the University in duration 2018-2021 and continue in service with the same generation efficiency. Yearly saving by the non-conventional energy source is 30%.

Attachment: Consumption report and solar generation data

DATE: 19/01/2022

VERIFIED

REGISTRAR
Pt. Sunderlal Sharma (Open)
University Chhattisgarh
BILASPUR (C.G.)

For, Pranav Enterprises

Proprietor

Shri Resham Lal Pradhan

Incharge NAAC Criteria
PSSOU, CG Bilaspur

**ENERGY SAVING BY EXISTING 50KW SOLAR PLANT IN PT SUNDARLAL SHARMA
(OPEN) UNIVERSITY CHHATTISGARH, BILASPUR**

MONTHLY REPORT

SN	MONTH/YEAR	IMPORT FROM CSPDCL (KWh)	SOLAR GENERATION (KWh)	TOTAL CONSUPTION	SOLAR CONTRIBUTION IN %	REMARK
1	5/18	7260	0	7260	NOT SYNCHRONIZED	
2	6/18	9903	0	9903	NOT SYNCHRONIZED	
3	7/18	10020	0	10020	NOT SYNCHRONIZED	
4	8/18	10545	3620	14165	25.56	
5	9/18	9327	4116	13443	30.62	
6	10/18	9051	4190	13241	31.64	
7	11/18	8778	6111	14889	41.04	
8	12/18	8214	5611	13825	40.59	
9	1/19	7755	6129	13884	44.14	
10	2/19	6393	6526	12919	50.51	
11	3/19	9030	5391	14421	37.38	
12	4/19	9633	6856	16489	41.58	
13	5/19	13431	7472	20903	35.75	
14	6/19	12606	6264	18870	33.20	
15	7/19	10539	4834	15373	31.44	
16	8/19	9981	4976	14957	33.27	
17	9/19	10227	4801	15028	31.95	
18	10/19	9333	6157	15490	39.75	
19	11/19	7170	6391	13561	47.13	
20	12/19	8010	5622	13632	41.24	
21	1/20	9399	4520	13919	32.47	
22	2/20	8040	4989	13029	38.29	
23	3/20	7455	7195	14650	49.11	
24	4/20	7143	7171	14314	50.10	
25	5/20	12606	7441	20047	37.12	
26	6/20	14097	5042	19139	26.34	
27	7/20	14019	5347	19366	27.61	
28	8/20	23187	4679	27866	16.79	
29	9/20	28752	4995	33747	14.80	
30	10/20	25830	5884	31714	18.55	
31	11/20	14214	6106	20320	30.05	
32	12/20	13425	6207	19632	31.62	
33	1/21	13581	6151	19732	31.17	
34	2/21	10299	6724	17023	39.50	
35	3/21	13131	5930	19061	31.11	
36	4/21	22794	6681	29475	22.67	
37	5/21	18537	7140	25677	27.81	
38	6/21	16644	5652	22296	25.35	
39	7/21	14817	4990	19807	25.19	
40	8/21	15597	5440	21037	25.86	
41	9/21	13707	5369	19076	28.15	
TOTAL		504480	218720	723200		

VERIFIED



REGISTRAR
Pt. Sunderlal Sharma (Open)
University Chhattisgarh
BILASPUR (C.G.)

Shri Resham Lal Pradhan
Incharge LAAC Criteri
PSSOU, CG Bilaspur

Praveen Kumar
A- Class Electrical Contractor
Lic. No.- 3/1090

**ENERGY SAVING BY EXISTING 50KW SOLAR PLANT IN PT SUNDARLAL SHARMA (OPEN)
UNIVERSITY CHHATTISGARH, BILASPUR**

YEARLY REPORT


NO	YEAR	TOTAL CONSUMPTION	SOLAR GENERATION	SOLAR CONTRIBUTION %
1	2018	96746	23648	24.44
2	2019	185527	71419	38.50
3	2020	247743	69576	28.08
4	2021	193184	54077	27.99

REPORTS:- BASED ON DATA AND ANALYSIS (MAY 2018-SEP 2021)

1. TOTAL ENERGY CONSUMED IS 723200KWH AND TOTAL ENERGY GENERATED BY SOLAR PLANT IS 218720KWH.
2. TOTAL ENERGY FULFILLED BY SOLAR PLANT DURING MAY 2018 TO SEPTEMBER 2021 IS 30%
3. YEARLY AVERAGE ENERGY SAVING BY EXISTING 50KW SOLAR PLANT IS 30%

VERIFIED

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Pt. Sunderlal Sharma (Open)
University Chhattisgarh
BILASPUR (C.G.)


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