

Criterion - 7

Institutional Values & Best Practices

NAAC – SSR (2nd Cycle)



ETERNAL UNIVERSITY

BARU SAHIB, SIRMOUR-173101
HIMACHAL PRADESH

7.1.2(3)

**Permission document for
connecting to the grid from the
Government/ Electricity authority**




ETERNAL UNIVERSITY

BARU SAHIB, SIRMOUR-173101
HIMACHAL PRADESH

Article

harnessing solar energy at baru sahib

August 2012

 Inderjit Singh Hudiara

Overview

Stats

Comments

Citations

References



Abstract

it is important to develop a solar cell which will convert solar energy into electricity not only efficently but economically. Anumber of renewable energy devices such as 200 kW solar PVpower plants , different types of solar cookers ,water heating systems installed at Baru Sahib in Himachal Pradesh emphasise the need to live pollution free, save grid electricity and fossil fuels which will be otherwise required to run machines.

**HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED (A State Govt. Undertaking)**

Electricity Bill March-24
 RAJGARH SUB-DIVISION
 Sub-Division code: - 1331
 HPSEBL PAN: - AACCH4894E

HPSEBL Help Line No. : 18001808060 or 1912
 CGRF: B No.8 SDA Complex, Kasumpti Shimla-9. crgrf@hpseb.in 0177-2626104
 Electricity Ombudsman: First Floor, Sharma Sadan, Khalini Shimla-2
 ombudsmanelectricity@gmail.com, 0177-2624525

Name	NURSING COLLEGE	Availed Supply Voltage (kV)	11.00	Bill No.	Consumer Info 120000806465
Consumer ID	BARU SAHIB .	Standard Supply Voltage (kV)	11.00	Bill Date	04.03.2024
Legacy A/C No.	100008003706	Metering Voltage (kV)	11.00	Last Reading Date	26.01.2024
Installation No.	FIBS-2-NDNCSRJ	Tariff Category	NDNCS-Two Part	Current Reading Date	22.02.2024
Address	5002489892 BARU SAHIB 1331 SIRMOUR 173101 RAJGARH	Connected Load (kW)	658.78	Cash/Draft Due Date	21.03.2024
		Sanctioned Con.Demand (kVA)		Chq. cirnce. Due Date	21.03.2024
		Billing Con.Demand (kVA)	340.00	Billing Month(s)	1
		Meter Reading Unit	ML331BSC2		

	Meter No.	Meter Reading		Difference	Multiplier	Adjustment/ Estimated units	Consumption
		New Reading	Old Reading				
Total kWh Energy	53270990	6443258.000	6404684.000	38574.000	1.00000	0	38574.000
Total kWh Energy		6071156.000	6035385.000	35771.000	1.00000	0	35771.000
Normal hours (kVAh)		3577180.000	3554155.000	23025.000	1.00000	0	23025.000
Peak hours (kVAh)		969167.000	963014.000	6153.000	1.00000	0	6153.000
Night hours (kVAh)		1896911.000	1887515.000	9396.000	1.00000	0	9396.000
Max. Rec. Demand (kVA)		157.817	0.000	157.817	1.00000		157.817
85% Con. Demand (kVA)		289.00	0.000	289.00	1.00000		289.00
Power Factor							0.927

Particulars	Base Value	Rate	Bill Particulars Amount (Rs.)
Energy Charge - Peak	6153.000 kVAh	5.16 (Rs./kVAh)	31749.4800
Energy Charge - Normal & Night	32421.000 kVAh	5.16 (Rs./kVAh)	167292.36
Total energy charge			199041.84
GoHP Subsidy on Energy Charge			
Night Time Concession			
Lower Voltage Supply Surcharge			
Lower Voltage Metering Surcharge			
Max. Recorded Demand (kVA)			157.817
85% of Billing CD (kVA)	340.00 kVA	85% / 10%	289.00
Demand Charge	289.000 kVA	140.00 (Rs./kVA/Month)	40460.00
Contract Demand Violation Charge			
Rebate on Expansion		0	
Consumer Service Surcharge			
Net Current SOP			239501.84
Electricity Duty			
MC Tax			

	Security Deposit (Cash)	Rs.474369.00	Payment Info					
			SOP(Rs.)	ED(Rs.)	MT(Rs.)	Others(Rs.)	Total (Rs.)	
Security Deposit (BG)			239501.84				239501.84	
BG Expiry Date			149859.00	0	0		149859.00	
Last Bill Paid Amount #	Rs.316309.00		0	0	0.00		0	
Last Bill Paid Date	22.02.2024		0	0.00	0.00		0	
			Adv/Intrst (Cr/Dr)			0.28-		
			TCS / TDS amount	0				
			Amt Before Due Date	389360.84	0	0	0.28-	389361.00
			Late Payment Surch.	5840.41				
			Total Amount Payable	395201.25	0	0	0.28-	395201.00

- 1 \$: Sundry Amount SOP/ED/MTAX149859.00 Rs.will be Claimed/Adjusted in Current/Next bill.
- 2 #: Total Arrear Amount (SOP/ED/MTAX) 0 has been claimed due to Outstanding.
- 3 Normal Meter Reading
- 4 ED, LVSS, LVMS Charges calculate on net energy charge = (Energy Charge after considering NTC and Rebate).



HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED (A State Govt. Undertaking)
 Electricity Bill March-24
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 HPSEEL PAN: - AACCH4894E

HPSEEL Help Line No. : 18001808060 or 1912
 CGRF: B.No.8 SDA Complex, Kasumpti Shimla-9.cgrf@hpsseb.in 0177-2626104
 Electricity Ombudsman: First Floor, Sharma Sadan, Khalini Shimla-2
 ombudsmanelectricity@gmail.com, 0177-2624525

				Consumer Info	
Name	KALGIDHAR TRUST	Availed Supply Voltage (kV)	11.00	Bill No.	14000954787
Consumer ID	BARU SAHIB .	Standard Supply Voltage (kV)	11.00	Bill Date	04.03.2024
Legacy A/C No.	100009006102	Metering Voltage (kV)	11.00	Last Reading Date	26.01.2024
Installation No.	FIBS-1-CSRJ	Tariff Category	CS-Two Part	Current Reading Date	22.02.2024
Address	5002489885 BARU SAHIB 1331 SIRMOUR 173101 BARU SAHIB	Connected Load (kW)	720.00	Cash/Draft Due Date	21.03.2024
		Sanctioned Con.Demand (kVA)		Chq. clmnce. Due Date	21.03.2024
		Billing Con.Demand (kVA)	380.00	Billing Month(s)	1
		Meter Reading Unit	J13311BS		

Meter Reading							
Meter No.	New Reading	Old Reading	Difference	Multiplier	Adjustment/ Estimated units	Consumption	
Total kVAh Energy	6645866	20044383.000	19943224.000	101159.000	1.00000	0	101159.000
Total kWh Energy		19477784.000	19380934.000	96850.000	1.00000	0	96850.000
Normal hours (kVAh)		9285020.000	9237603.000	47417.000	1.00000	0	47417.000
Peak hours (kVAh)		3636142.000	3618717.000	19425.000	1.00000	0	19425.000
Night hours (kVAh)		7121221.000	7086904.000	34317.000	1.00000	0	34317.000
Max.Rec.Demand (kVA)		371.992	0.000	371.992	1.00000		371.992
85%Con.Demand (kVA)		323.00	0.000	323.00	1.00000		323.00
Power Factor							0.957

Bill Particulars			
Particulars	Base Value	Rate	Amount (Rs.)
Energy Charge - Peak	19425.000 kVAh	5.21 (Rs./kVAh)	101204.2500
Energy Charge - Normal & Night	81734.000 kVAh	5.21 (Rs./kVAh)	425834.14
Total energy charge			527038.39
GoHP Subsidy on Energy Charge			
Night Time Concession			
Lower Voltage Supply Surcharge			
Lower Voltage Metering Surcharge			
Max. Recorded Demand (kVA)			371.992
85% of Billing CD (kVA)	380.00 kVA	85% / 10%	323.00
Demand Charge	371.992 kVA	170.00 (Rs./kVA/Month)	63238.64
Contract Demand Violation Charge			
Rebate on Expansion		0	
Consumer Service Surcharge			
Net Current SOP			590277.03
Electricity Duty	527038.39 (Rs.)	12.000 %	63244.61
MC Tax			

Payment Info						
		SOP(Rs.)	ED(Rs.)	MT(Rs.)	Others(Rs.)	Total (Rs.)
Security Deposit (Cash)	Rs.560000.00					
Security Deposit (BG)						
BG Expiry Date						
Last Bill Paid Amount*	Rs.791236.00					
Last Bill Paid Date	22.02.2024					
Payable Charges		590277.03	63244.61			653521.64
Sundry @		0	0	0		0
Total Arrears #		0	0.33	0.00		0.33
Disputed Arrears \$		0	0.00	0.00		0
Adv/Intrst (Cr/Dr)					0.00	
TCS / TDS amount		6535.22				
Amt Before Due Date		596812.25	63244.94	0	0.00	660057.00
Late Payment Surch.		8854.16				
Total Amount Payable		605666.41	63244.94	0	0.00	668911.00

- @: Sundry Amount SOP/ED/MTAXO Rs.will be Claimed/Adjusted in Current/Next bill.
- Normal Meter Reading
- ED, LVSS, LVMS Charges calculate on net energy charge = (Energy Charge after considering NTC and Rebate).

INTER TECH

Marconite earth grids material account of Baru Sahib - Material Sent, Consumed & Balance as on 28/02/2024

A - Material Sent to Baru Sahib

Inv No	Date	Invoice Amount	Total cost of material	Marconite Pre Cast Earth Electrodes			RCC Pit Cover & Base			Marconite Embedded Interconnecting Strip CuB 50 mm, 6 mm			Risers - CuB strip 50 x 6 mm x 1 m			Earth Box		
				Rate Each Rs 10620			Rate Each Rs 1180			Rate PM Rs 2832			Rate PM Rs 1416			Rate Each Rs 4956		
				Qty	Unit	Cost	Qty	Unit	Cost	Qty	Unit	Cost	Qty	Unit	Cost	Qty	Unit	Cost
0432	22-08-22	1,88,800	1,88,800	16	nos.	1,69,920	16	nos.	18,880	-	-	-	-	-	-	-	-	
0433	24-08-22	98,176	98,176	4	nos.	42,480	4	nos.	4,720	16	m	45,312	4	m	5,664	-	-	
0434	24-08-22	1,55,760	1,55,760	-	-	-	-	-	-	50	m	1,41,600	10	m	14,160	-	-	
0435	24-08-22	93,456	93,456	-	-	-	-	-	-	30	m	84,960	6	m	8,496	-	-	
0565	15-04-23	3,95,772	3,95,772	1	no.	10,620	-	-	-	48	m	1,35,936	120	m	1,69,920	16	nos.	79,296
Total [A]		9,31,964	9,31,964	21	nos.	2,23,020	20	nos.	23,600	144	m	4,07,808	140	nos.	1,98,240	16	nos.	79,296

B - Material Consumed

Earth Grid : Food Lab	Anx I	2,49,924	5 nos.	53,100			67.5 m	1,91,160	4 m	5,664		
Earth Grid : 11 kV ESS	Anx II	3,75,240	16 nos.	1,69,920			72.5 m	2,05,320				
Used by your team		1,31,216			20 nos.	23600	4 m	11,328	68 m	96,288		
Material Consumed [B]		7,56,380	21 nos.	2,23,020	20 nos.	23,600	144 m	4,07,808	72 m	1,01,952		

C - Balance Material available at Baru Sahib (Verified jointly by teams of Inter Tech & Baru Sahib)

As on 22/09/2023 [C]		96,288							68 m	96,288		
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D - Material returned by Baru Sahib to Inter Tech (K K Gupta)

ON 28/02/2024 [D]		79,296									16 nos.	79,296.00
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Payment Details

		Rs			
Total Payment Due [A]		9,31,964		Material consumed at Food Lab & 11 kV ESS [B]	Material available at Baru sahib [C]
Less: Material Returned [D]		79,296			
Net Payment Due [A (-) D]		8,52,668		7,56,380	96,288
Less : Payment received		Rs			
13-01-23		98,176			
27-03-23		1,38,624			
03-04-23		1,97,886	4,34,686		
Balance payment due 28/02/2024		4,17,982			

Handwritten signature and date: 18/03/24

Handwritten signature and date: 18/3/24

Handwritten note: Amt - Passed to Rs. - 4,17,982/-