



7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

- 1. Solar energy
- 2. Biogas plant
- 3. Wheeling to the Grid
- 4. Sensor-based energy conservation
- 5. Use of LED bulbs/ power efficient equipment

Options:

- A. 4 or All of the above
- B. Any 3 of the above
- C. Any 2 of the above
- D. Any 1 of the above
- E. None of the above

Response: A. 4 or All of the above







Energy Policy





ENERGY POLICY

Purpose

Sustainable Development Goals (SDGs) for any organization, environmental and energy-harvesting practices are of critical importance. Rising energy consumption is an area of concern. GJIMT Energy Policy aims to promote renewable energy resources, so that the carbon footprints can be controlled and thereby help to conserve the environment. It defines the roles and responsibilities of all the stakeholders at each level of organization so that the energy resources are optimally utilized and managed to reduce the energy consumption and control the cost. It aims to make all the persons in the organization about the need to conserve energy.

Scope

In order to provide an eco-friendly and sustainable environment, energy policy applies to all the stakeholders of the organization.

Objectives

The following objectives to be maintain order to implement the energy conservation in the organization:

- · Efficient use of energy to save both time and money.
- Use energy-efficient equipment to reduce the amount of energy used.
- Encourage use of renewable energy sources.
- Use only high star rated appliances to reduce power consumption.
- Shift the usage of non-priority loads during non-peak hours.
- Ensure proper backup of the supply.
- · Energy efficiency initiatives in the supply and demand systems are part of the campus's overall energy management.
- The gradual replacement of existing incandescent bulbs with LED models.
- The organization's policy will be reviewed and updated on a regular basis, and its implementation is guaranteed.

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Phase-2, Mohali Sector 54, Chandigarh Phone: 0172-2264566 Email: gjimt@gjimt.ac.in Web: www.gjimt.ac.in





Solar Energy



200 KWp Capacity Solar Power Plant Installed at GJIMT to Harness Renewable **Energy**







49 PSPCL

PUNJAB STATE POWER CORPORATION LIMITED Electricity Bill

M/S GIAN JYOTI GLOBAL SCHOOL PH 2 MOHALI-160055-INDIA Mobile: 98XXXXX642 Email:glinkXXXXXILcom Circle:MOHALI Division: MOHALI SPECIAL DIVIS

Sub-Division: SUB DIVISION TECHNICAL-1

Category: GSC/SAP-NONSBM-/NRS RATE CATEGORY FOR NRS>100KWA DPC

Nature of Industry: MISCELLANEOUS (OTHER

Connection Date: 01-04-2014 Sanctioned Load: 272, 18 KW Sanctioned CD: 302, 222 kVA

Bill Cycle:04-2025

Solar Meter Status: O Bidirectional Meter Status: Bill Status: Bill Date: 25-APR-2025

Meter Security: 30010

Mater Make: SECURE Meter Digit: 8 Meter No. PBB49387 Meter Phase:

Feeder Code FDC0000003961

Meter Type: Security Consumption : 296185 ACD: 296185

Account- 3000328913 Payable Amount: 20110

Due Date: 05-May-2025 (Online/RTGS) Units Consumed 0 KVan

Bill No-50029443725

Previous Payment Total (Rs.) ₹ 35880 Previous Payment Date 02-04-2025

SECTOR-54-A F23L CONN TO S/S DZ01

Admissible Voltage (KV) Supply Voltage (KV) 11.00 Metering Voltage (KV) 11.00

Meter Reading Details CIPT: 394 Last MCD Date: Last SJO Date: 20250124 Current Reading Previous reading 22-APR-2025 MMTS 24-MAR-2025 kVAh kWh MDI rter Multiplic AddLSupplyConsumption ratio MDI Aultiplier/Correction 5.98 6.58 1.00 20/5 11.00 4.00 Total kWh Total kVAh WOI:23.92 TOD on peake0.00 VOD Off-peake0.00

Fi	xed Charge	rs (A)	
Contract Demand kVA	(1)	General	302
Actual Demand kVA	(a)	General	23.92
80% of (L) kVA	(b)	PiU	241.78
A or B whichever is greater	(c)	General	241.78
Rate per kVA/month	(r)	General	140.00
Billing Days	(d)	F152	29
Fixed Changes	cre12/3/3	General	32272.00
Fixed Charges (₹)		FIG	32272.00

Other Charges	
Fuel Cost Adj. Charges (C) (7))	0.00
Additional Surcharge (D) (₹)	0.00
Rentals (E) (*)	1302
Surcharges(F) (₹)	0.00
Rebates(G) (₹)	0.00
Subsidy(H) (₹)	0.00
Open Access Charges (Applicable to LS Open Access Consumers (I) (₹)	and the first section is
Previous Outstanding (J) (₹)	0

Taxes/Duty/Coss(K)

		Energy (Charges(B)	
	Total kVAh	Tariff Rate	Amount	Energy Charges (₹
F	- 0	General	General	
1.		6,96	0	0

Previous Outstandi	ng (J) (₹)
Current Charges (*)	40028.00
Unpaid Arrears (*)	0
Adjustments (*)	0
Sundry Charges / Allowences (*)	19921

Electricity Duty (₹)	
	4195.00
Municipal Tax (₹)	645.00
IDF (₹)	1614.00
Cow Cess (₹)	0.00
Any Other (₹)	
Total Taxes (₹)	6454
TCS/TDS (₹)	0.00/0.00
PQ penalty (*)	

26/4/25 Regd. Office P.S.E.B. Head Office, The Mall Patiala-147001 GSTIN NO: 03AAFCP5120Q1ZC CIN; U40109PB2010SGC033813 Powered by O/o (CE/IT) PSPCL

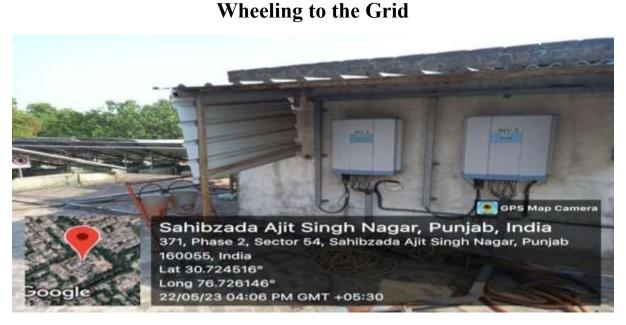
Print Date: 26-Apr-2025 06:26 AM

Electricity Bill dated 26.04.2025









Grid Integration









Register Group:

Register No. 001

> 002 003

1001

PUNJAB STATE POWER CORPORATION LIMITED Electricity BIII

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		HWA	211775	20/475	4.00	9120
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	1	MX	21	0	4.00	6.1
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Scan E Pay Bill

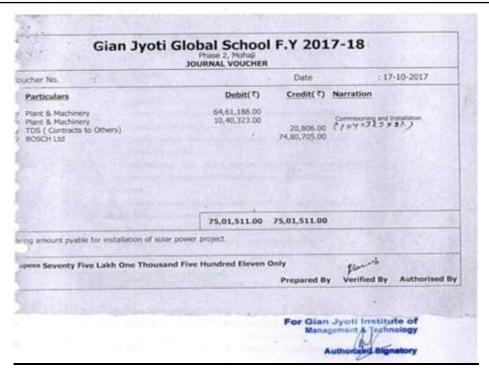
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Electricity bill showing the wheeling of solar energy to the grid

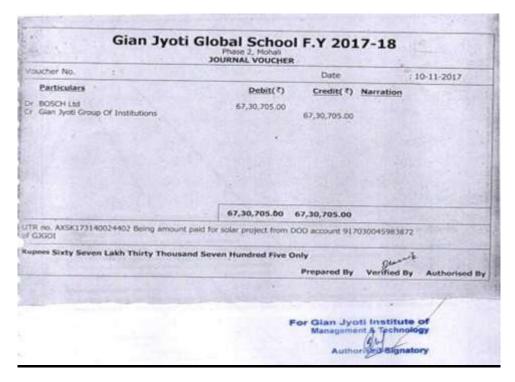








Payment Voucher for Installation of Solar Power Project from GJIMT to Bosch Ltd. dated 17.10.2017

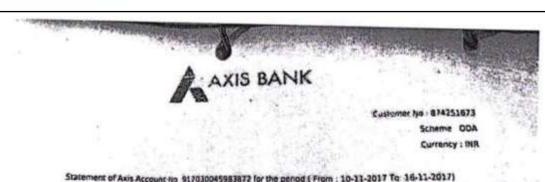


Payment Voucher for Solar Power Plant from GJIMT to Bosch Ltd. dated 10.11.2017





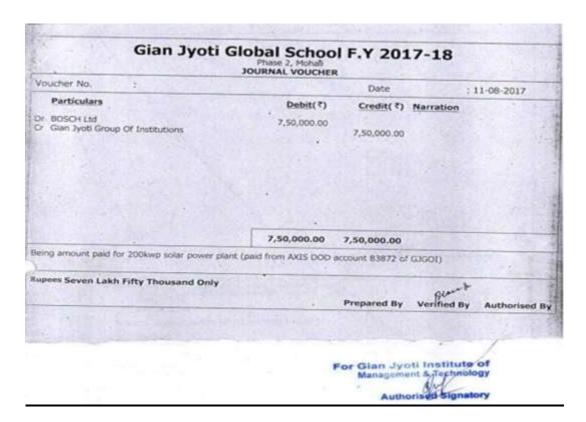




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TRANSACTION TOTAL		0	CR CR	71
PLOSING BALANCE			1	-14961411

Glan Jyoti Institute of

Bank statement reflecting transaction for solar panel payment dated 10.11.2017



Payment Voucher for solar power plant from GJIMT to Bosch Ltd. dated 11.08.2017





Sensor Based Energy Conservation

Sensor-Based Water Monitoring System in Washroom

The urinary sensor flusher installed in our washrooms enhances hygiene and water conservation by automatically flushing after use. This touch-free system reduces water wastage and ensures a cleaner, more efficient restroom experience.



Urinal Sensor Flusher installed in Washroom







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Management	/ /	у									
Author	Signator	~									
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Payment Invoice for Urinary Sensor Flusher: National Trading Corporation to GJIMT





Installation of Pressmatic Water-Saving Taps

Pressmatic taps have been installed in the washrooms to minimize water wastage. These taps automatically shut off the water supply, preventing unnecessary flow. Equipped with an aerator, they distribute water pressure for a smooth, gentle flow and stop dispensing water as soon as hands are removed.



Pressmatic taps installed in Washroom







Jupiter Aqua Lines Ltd. By Cash / Cheque / D.D. No.

Payment Invoice for Pressmatic Taps: Jupiter Aqua Lines Ltd. To **GJIMT dated 23.05.2024**

Gian Jyoti Global School F.Y (2022-23) Phase 2, Mohall PAYMENT VOUCHER									
Voucher No. :		Date	: 24-05-2024						
Particulars	Debit(₹)	Credit(₹)	Narration						
Dr Repair & Maintainance (Building) Cr Cash	2,614.00	2,614.00							
	2,614.00	2,614.00							
	GST SANITARY MATERIAL F	PURCHASED FR	OM JAL						
ASH PAID AGST R.NO 690 DT 23.05.2024 A									

Payment Voucher for Pressmatic Taps: GJIMT to Jupiter Aqua Lines Ltd. dated 24.05.2024





Use of LED Bulbs/Power Efficient Equipment

Gian Jyoti Institute of Management and Technology (GJIMT) has implemented energyefficient LED lighting across its campus as part of its commitment to sustainable practices. This installation has significantly reduced electricity consumption, lowered operational costs, and minimized the institute's carbon footprint. By replacing traditional lighting with LEDs, GJIMT enhances both energy conservation and environmental responsibility, fostering a greener learning environment.



LED Bulbs installed across campus







DISTRIBUTORS: OPPLE	This cap	MOI HOP N	NA 0. 41 PA	TAX INVOI ELECT , SECTOR 35- II NO. AAQPA 2741 erasi': m	RIC C, CHA	ALS	DH .			Duplicate Copy
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1,567.50 Tax Rate Taxable Ace. C	141.10	141.	10 -	282.20	Pour	1	L	Grand 1	Total	1,650.00
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Payment Invoice of LED street lamp from Mona Electricals to GJIMT dated 29.02.2024







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SA. Description of Goods	HSN	Otv	Unit	Price	Disc w	-				
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L internst © 16% p.e. will be charged if the snot made with in the stipulated time. I. 5.Eject to 'Chandigath' Jurisdiction only. I. Crease Bounding Charges Rs 500/.		-	For Gi. Ma	an Jyot nagemen	of Tec	hnolog	of ly	R	/	TRICALS

Payment Invoice for LED light & tube from Mona Electricals to GJIMT dated 16.01.2024