

ELECTRICITY BILL ANALYSIS REPORT

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Account & Bill Details

Consumer Name: MANISH BAZARI SHALINI BAZARI BAZ SOFTWARE PVT LTD

Consumer / CA Number: 9000 0080 8122

Utility Provider: Tata Power

Billing Address:

3RD FLOOR, PREMISES NO 05, THE CENTRIUM PHOENIX MARKET CITY MALL,
OFF LBS MARG, NR KAMANI JUNCTION, KURLA (W), MUMBAI, 400070

Billing Period: 01.10.2025 to 31.10.2025

Bill Month: OCT-2025

Bill Issue Date: 03.11.2025

Due Date: 24.11.2025

Total Bill Amount: Rs. 105,887.00

Consumption & Technical Summary

Units Consumed (kWh): 8,944

kVAh Consumption: 7,299

Meter Type: LT II(C) : LT-COMMERCIAL ABOVE 50 KW

Connected Load: 90

Sanctioned Load: 79

Contract Demand: 90

Maximum Demand Recorded: 55

Power Factor: 0.81

Charge Breakdown Overview

Fixed Charges (0.2%): Rs. 225.00

Energy Charges (48.9%): Rs. 51,785.76

Wheeling Charges (22.4%): Rs. 23,701.60

Electricity Duty (17.0%): Rs. 17,950.03

Tax on Sale (2.3%): Rs. 2,460.75

Other Adjustments (0.0%): Rs. 10.00

Time-of-Day Breakdown:

- Peak Units: 625.73 kWh
- Off-Peak Units: 334.26 kWh
- Normal Units: 231.83 kWh
- TOD Incentive/Penalty: Rs. 169.65

Key Observations

- * **Total Bill Amount:** Rs. 105,887.00 for the billing period
- * **Energy Consumption:** 8,944 kWh units consumed
- * **Cost Driver 1:** Energy Charges
- * **Cost Driver 2:** Wheeling Charges
- * **Cost Driver 3:** Electricity Duty
- * **Power Factor:** 0.808 (needs improvement)
- * **Demand Utilization:** Underutilized Contract Demand (55 vs 90)
- * **Power Factor Health:** Good Power Factor (0.808)

Energy Saving & Optimization Recommendations

- * **Power Factor Improvement:** Monitor Power Factor (0.808) for optimization
- * **Contract Demand Optimization:** Reduce Contract Demand from 90 to 79 kW
- * **Load Shifting Strategy:** Shift peak usage from 22-24 hrs to off-peak hours
- * **Behavioral Improvement 1:** Reduce energy consumption by 10% through efficient usage
- * **Behavioral Improvement 2:** Implement energy-efficient practices in peak hours
- * **Technical Optimization 1:** Upgrade to APFC panel for better power factor
- * **Technical Optimization 2:** Install energy-efficient equipment for reduced consumption

*Analysis is based on the submitted bill only. Recommendations are advisory in nature.
Actual savings may vary based on operational patterns and site conditions.
For detailed consultation, contact Energixpert Consulting Pvt. Ltd.*