

Consumer No. : 030140003499
Consumer Name : TIS THERMO INSTRUMENT SYSTEMS PRIVATE LIMITED
Adresss : 105-108, JAWAHAR CO-OP INDUSTRIAL ESTATE KAMOTHE P ANVEL RAIGAD Navi Mumbai Panvel Raigarh (CT)
Village : Pincode : 410209



PRE & POST ELECTRICITY BILLS

CURRENT CONSUMPTION DETAILS						
Reading Date	KWH	KVAH	RKVAH (LAG)	RKVAH (LEAD)	KW (MD)	KVA (MD)
Current 30-11-2025	1278418.600	1371329.800	384132.800	41000.000	98.400	101.480
Previous 31-10-2025	1231096.800	1319788.600	384103.400	22491.000		
Difference	47321.800	51541.200	29.400	18509.000		
Multiplying Factor	1.000	1.000	1.000	1.000	1.000	1.000
Consumption	47322.000	51541.000	29.000	18509.000	98.000	101.000
LT Metering	0.000	0.000	0.000	0.000	0.000	0.000
Adjustment	0.000	0.000	0.000	0.000		
Assessed Consump	0.000	0.000	0.000		0.000	0.000
Total Consumption	47322.000	51541.000	29.000	18509.000	98.000	101.000

					BILLING DETAILS			
Billed Demand (KVA)		66	@ Rs.		400.0	Demand Charges	26,400.00	
Assessed P.F.			Avg. P.F.		0.931	Wheeling Charge @ 01.39	71,641.99	
Billed P.F.		0.918	L.F.			Energy Charges	3,99,958.16	
Consumption Type	Units		Rate		Charges Rs.	TOD Tariff EC	560.00	
Industrial	51,541		7.76		3,99,958.16	FAC @ 00.00 Ps/U	00.00	
Residential	0		0.00		0.00	Electricity Duty (07.50 %)	37,437.01	
Commercial	0		0.00		0.00	other charges	00.00	
E.D. on(Rs)	Rate %				Amount Rs.	Tax on Sale @ 19.04 Ps/U	9,008.78	
499,160.15	7.5				37437.01	P.F. Penal Charges/P.F. Inc.	00.00	
0.00	0				0.00	Charges For Excess Demand	600.00	
0.00	0				0.00	Incr Consumption Rebate	-19,521.75	
TOD Zone	Rate	Units	Demand	Charges Rs.		Debit Bill Adjustment	00.00	
2200 Hrs-0600 Hrs	0	16625	92.00	0.00		TOTAL CURRENT BILL	5,26,080.00	
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs	-0.8	19659	100.00	-10,484.80		Current Interest 02-12-2025	00.00	
0900 Hrs - 1200 Hrs	0	6761	101.00	0.00		Principle Arrears	-496.79	
1800 Hrs-2200 Hrs	1.3	8496	89.00	11,044.80		Interest Arrears	00.00	
Amount in Words					FIVE LAKH TWENTY FIVE THOUSAND FIVE HUNDRED NINETY ONLY		Total Bill (Rounded) Rs.	5,25,590.00
							Delayed Payment Charges Rs.	6,820.07
							Amount Payable26-12-2025 After Amount Rounded to Nearest Rs.(10/-)	5,32,410.00

CURRENT CONSUMPTION DETAILS						
Reading Date	KWH	KVAH	RKVAH (LAG)	RKVAH (LEAD)	KW (MD)	KVA (MD)
Current 31-12-2025	1326772.800	1420077.600	387295.800	42447.600	96.160	96.580
Previous 30-11-2025	1278418.600	1371329.800	384132.800	41000.000		
Difference	48354.200	48747.800	3163.000	1447.600		
Multiplying Factor	1.000	1.000	1.000	1.000	1.000	1.000
Consumption	48354.000	48748.000	3163.000	1448.000	96.000	97.000
LT Metering	0.000	0.000	0.000	0.000	0.000	0.000
Adjustment	0.000	0.000	0.000	0.000		
Assessed Consump	0.000	0.000	0.000		0.000	0.000
Total Consumption	48354.000	48748.000	3163.000	1448.000	96.000	97.000

BILLING DETAILS				
Billed Demand (KVA)	63	@ Rs.		400.0
Assessed P.F.		Avg. P.F.		0.996
Billed P.F.	0.991	L.F.		
Consumption Type	Units	Rate	Charges Rs.	
Industrial	48,748	7.76	3,78,284.48	
Residential	0	0.00	0.00	
Commercial	0	0.00	0.00	
E.D. on(Rs)	Rate %	Amount Rs.		
475,926.80	7.5	35694.51		
0.00	0	0.00		
0.00	0	0.00		
TOD Zone	Rate	Units	Demand	Charges Rs.
2200 Hrs-0600 Hrs	0	14784	86.00	0.00
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs	-0.8	19310	97.00	-10,298.40
0900 Hrs - 1200 Hrs	0	6880	93.00	0.00
1800 Hrs-2200 Hrs	1.3	7774	85.00	10,106.20
Amount in Words	FIVE LAKH SIX THOUSAND TWO HUNDRED FORTY ONLY			
Demand Charges 25,200.00				
Wheeling Charge @ 01.39 67,759.72				
Energy Charges 3,78,284.48				
TOD Tariff EC -192.20				
FAC @ 10.00 Ps/U 4,874.80				
Electricity Duty (07.50 %) 35,694.51				
other charges 00.00				
Tax on Sale @ 0.2894 Ps/U 13,980.62				
P.F. Penal Charges/P.F. Inc. 00.00				
Charges For Excess Demand 00.00				
Incr Consumption Rebate -18,864.75				
Debit Bill Adjustment 00.00				
TOTAL CURRENT BILL 5,06,740.00				
Current Interest 02-01-2026 00.00				
Principle Arrears -498.98				
Interest Arrears 00.00				
Total Bill (Rounded) Rs. 5,06,240.00				
Delayed Payment Charges Rs. 6,570.02				
Amount Payable27-01-2026 After 5,12,810.00				
Amount Rounded to Nearest Rs.(10/-)				

“ ♦ Pre-Installation Bill

- kWh: 47,322
- kVAh: 51,541
- Difference (kVAh – kWh):
51,541 – 47,322 = 4,219 units
- Average Power Factor: 0.918

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- 💰 Key Benefits Achieved
- ✓ kVAh billing reduced significantly despite higher kWh usage
 - ✓ Power Factor improved from 0.918 → 0.991
 - ✓ Direct monthly billing savings due to reduced kVAh units
 - ✓ Confirms effective performance of Smart Hybrid NPFC panel

“ ♦ Post-Installation Bill

- kWh: 48,354
- kVAh: 48,748
- Difference (kVAh – kWh):
48,748 – 48,354 = 394 units
- Average Power Factor: 0.991

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