

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

TECHNO POWER ELECTRICALS & ENGINEERS



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

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	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)	66	@ Rs.	400.0	Demand Charges	26,400.00	Demand Charges	25,200.00
Assessed P.F.		Avg. P.F.	0.931	Wheeling Charge @ 01.39	71,641.99	Wheeling Charge @ 01.39	67,759.72
Billed P.F.	0.918	L.F.		Energy Charges	3,99,958.16	Energy Charges	3,78,284.48
Consumption Type	Units	Rate	Charges Rs.	TOD Tariff EC	560.00	TOD Tariff EC	-192.20
Industrial	51,541	7.76	3,99,958.16	FAC @ 00.00 Ps/U	0.00	FAC @ 10.00 Ps/U	4,874.80
Residential	0	0.00	0.00	Electricity Duty (07.50 %)	37,437.01	Electricity Duty (07.50 %)	35,694.51
Commercial	0	0.00	0.00	other charges	0.00	other charges	0.00
E.D. on(Rs)	Rate %	Amount Rs.		Tax on Sale @ 19.04 Ps/U	9,008.78	Tax on Sale @ 0.2894 Ps/U	13,980.62
499,160.15	7.5	37437.01		P.F. Penal Charges/P.F. Inc.	0.00	P.F. Penal Charges/P.F. Inc.	0.00
0.00	0	0.00		Charges For Excess Demand	600.00	Charges For Excess Demand	0.00
0.00	0	0.00		Incr Consumption Rebate	-19,521.75	Incr Consumption Rebate	-18,864.75
TOD Zone	Rate	Units	Demand	Charges Rs.		Debit Bill Adjustment	0.00
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		2200 Hrs-0600 Hrs	0.00
0900 Hrs - 1200 Hrs	0	6761	101.00	0.00		0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs	0.00
1800 Hrs-2200 Hrs	1.3	8496	89.00	11,044.80		0900 Hrs - 1200 Hrs	-498.98
Amount in Words	FIVE LAKH TWENTY FIVE THOUSAND FIVE HUNDRED NINETY ONLY					1800 Hrs-2200 Hrs	0.00
	Delayed Payment Charges Rs. 6,820.07					Interest Arrears	0.00
	Amount Payable 26-12-2025 After 5,32,410.00					Total Bill (Rounded) Rs.	5,06,240.00
	Amount Rounded to Nearest Rs.(10/-)					Delayed Payment Charges Rs. 6,570.02	

BILLING DETAILS							
Billed Demand (KVA)	63	@ Rs.	400.0	Demand Charges	25,200.00	Demand Charges	25,200.00
Assessed P.F.		Avg. P.F.	0.996	Wheeling Charge @ 01.39	67,759.72	Wheeling Charge @ 01.39	67,759.72
Billed P.F.	0.991	L.F.		Energy Charges	3,78,284.48	Energy Charges	3,78,284.48
Consumption Type	units	Rate	Charges Rs.	TOD Tariff EC	-192.20	TOD Tariff EC	-192.20
Industrial	48,748	7.76	3,78,284.48	FAC @ 10.00 Ps/U	4,874.80	FAC @ 10.00 Ps/U	4,874.80
Residential	0	0.00	0.00	Electricity Duty (07.50 %)	35,694.51	Electricity Duty (07.50 %)	35,694.51
Commercial	0	0.00	0.00	other charges	0.00	other charges	0.00
E.D. on(Rs)	Rate %	Amount Rs.		Tax on Sale @ 0.2894 Ps/U	13,980.62	Tax on Sale @ 0.2894 Ps/U	13,980.62
475,926.80	7.5	35694.51		P.F. Penal Charges/P.F. Inc.	0.00	P.F. Penal Charges/P.F. Inc.	0.00
0.00	0	0.00		Charges For Excess Demand	0.00	Charges For Excess Demand	0.00
0.00	0	0.00		Incr Consumption Rebate	-18,864.75	Incr Consumption Rebate	-18,864.75
TOD Zone	Rate	Units	Demand	Charges Rs.		Debit Bill Adjustment	0.00
2200 Hrs-0600 Hrs	0	14784	86.00	0.00		TOTAL CURRENT BILL	5,06,740.00
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs	-0.8	19310	97.00	-10,298.40		Current Interest 02-01-2026	0.00
0900 Hrs - 1200 Hrs	0	6880	93.00	0.00		Principle Arrears	-498.98
1800 Hrs-2200 Hrs	1.3	7774	85.00	10,106.20		Interest Arrears	0.00
Amount in Words	FIVE LAKH SIX THOUSAND TWO HUNDRED FORTY ONLY					Total Bill (Rounded) Rs.	5,06,240.00
	Delayed Payment Charges Rs. 6,570.02					Delayed Payment Charges Rs. 6,570.02	
	Amount Payable 27-01-2026 After 5,12,810.00					Amount Payable 27-01-2026 After 5,12,810.00	
	Amount Rounded to Nearest Rs.(10/-)					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

◆ 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