WELCOME

THE SUPREME INDUSTRIES LTD
MALANPUR- PLASTICS PIPE AND FITTING DIVISION

PLOT NO. K1, K2, K3, K4, K8 AND K9 VILLAGE GHIRONGI,
MALANPUR INDUSTRIAL AREA, DISTRICT BHIND, MADHYA PRADESH

Presentation For CII National Award For Excellence In Energy Management 2024 (General Sector)

Team Member

1) Mr. Santosh Kabra (General Manager operation)
2) Mr. Vikas Shukla(Sr. Manager Maintenance)
3) Mr. Virendra Yadav (Manager Maintenance)

THE SUPREME INDUSTRIES LTD - OVERVIEW

Supreme
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Founded in 1942, Supreme has had a pre-eminent history spanning nearly 80 years in the plastics industry. As the largest plastics processors in the nation, we effectively handle volumes of over 6,40,000 metric tonnes of polymers annually and provide a diverse and comprehensive selection of plastic products in India. Supreme has been home to quality innovation, with the foundation being its mission & vision.

10000 CR
Annual Turnover

640000+ MT
Products sold

5500+
Employee Strength

55+
Export Countries

5000+
Distributors

8
Business Verticals

30
Manufacturing Plants

AA+
CRISIL Stable Rating

GROUP'S BUSINESS VERTICALS

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Plastic Piping Division

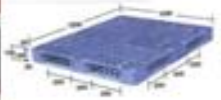
Consumer Products

Packaging Products

- Specialty Films
- Protective Packaging Products
- Cross Laminated Film Products

Industrial Products

- Industrial Components
- Material Handling Division
- Composite LPG Cylinders



Supreme Green Vision & Mission

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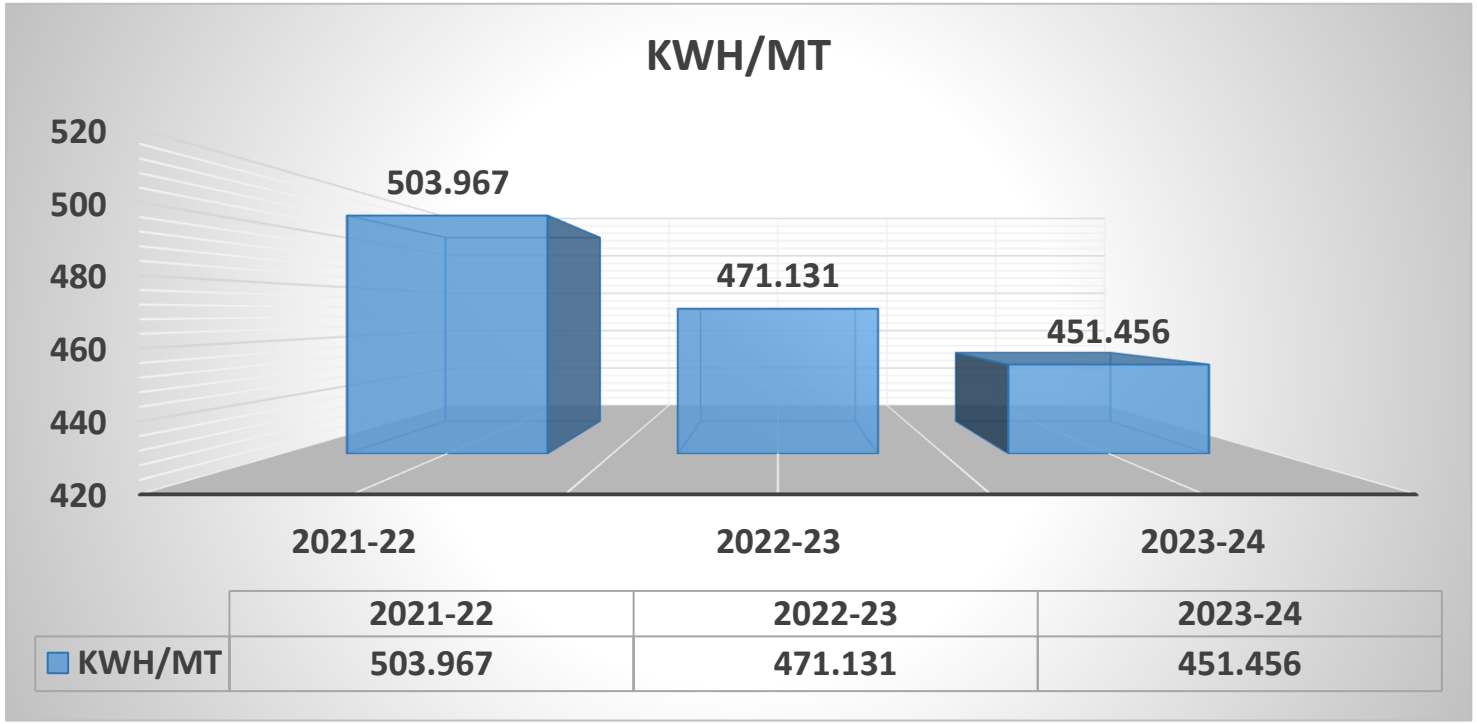
Vision

- **Energy Efficiency Improvement**
- Accelerating the transition to **Net Zero by 2050**
- **50% EV by 2030**
- **Moving towards Circularity**
- **Sustainable** Sourcing
- **Zero Liquid Discharge**-Stop the drain
- Improving water table by recharging ground water

Mission

- Ensure green, safe work Environment along with compliances
- Increase the usage of renewable energy to **30% by year 2024-25.**
- More than **90% RE for Chennai and Hosur Plants**
- **Energy Efficiency improvement 2% to 3% YoY**
- **Water Positive**
- **Developing Science Based Targets (SBTi) and validation**

MALANPUR- SPECIFIC ENERGY CONSUMPTION



THE SUPREME IND. LTD MALANPUR PERFORMANCE		
SAVING KWH/MT IN FY-2023-24 FROM LAST FY 2022-23	19.675	KWH/MT
Unit saving in FY-2023-24 FROM LAST FY 2022-23	13,66,945	KWH
% OF IMPROVEMENT	4.2	%

THE SUPREME IND. LTD MALANPUR PERFORMANCE			
FY	UNIT CONSUMPTION IN KWH	PRODUCTION IN MT	KWH/MT
2021-22	23667120	46962	503.967
2022-23	28469657	60428	471.131
2023-24	31365124	69476	451.456

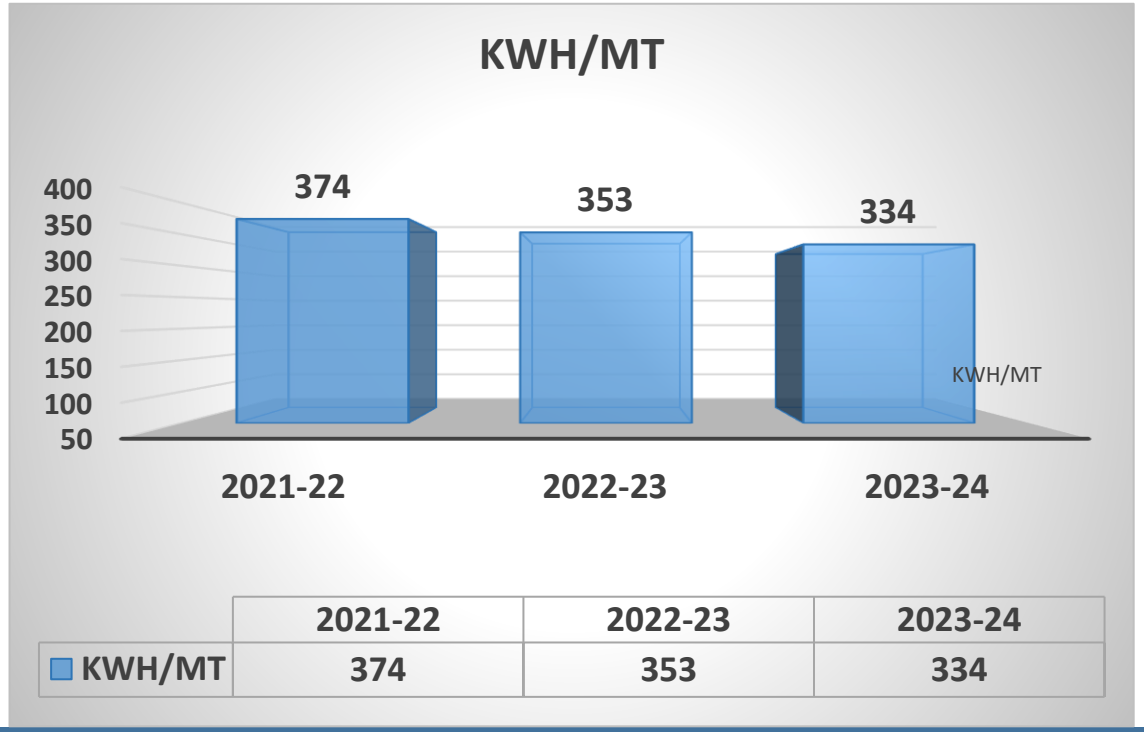
Manufacturing –

1) PVC FITTING PLANT
2) CPVC FITTING PLANT
3) PVC PIPE PLANT
4) CPVC PIPE PLANT

MALANPUR- SPECIFIC ENERGY CONSUMPTION (SECTION WISE)

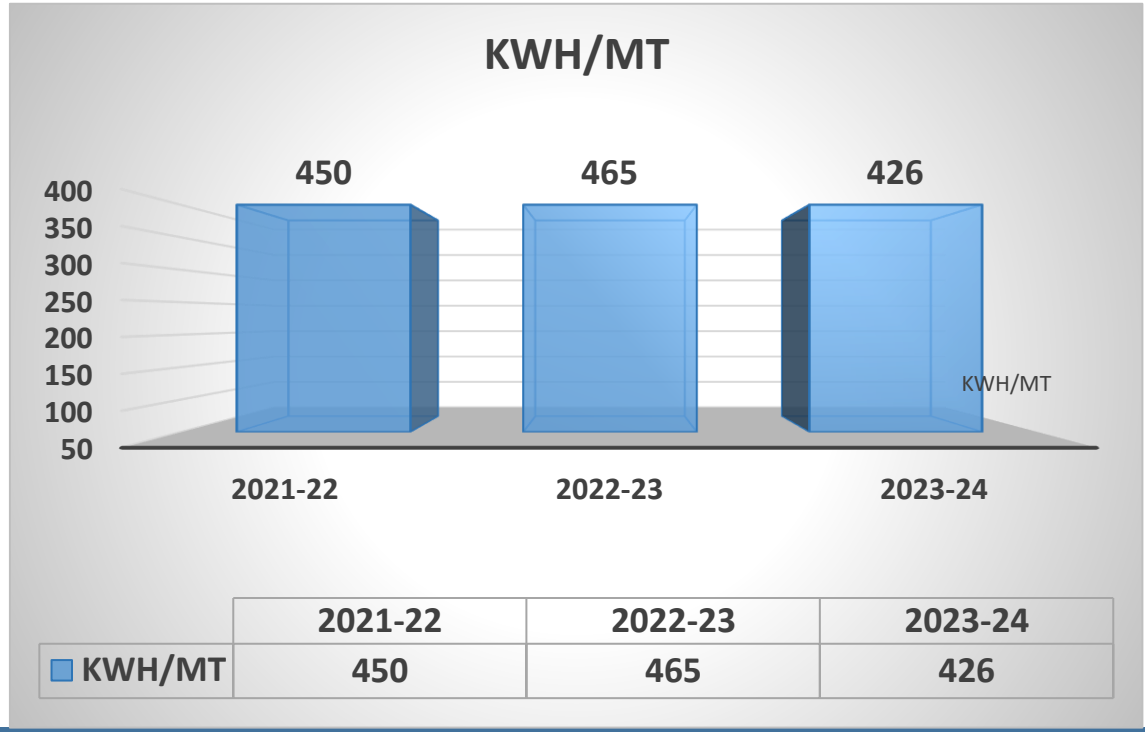
PVC PIPE PLANT			
FY	UNIT CONSUMPTION IN KWH	PRODUCTION IN MT	KWH/MT
2021-22	10307792	27563	374
2022-23	13009331	36873	353
2023-24	14780365	44295	334

CPVC PIPE PLANT			
FY	UNIT CONSUMPTION IN KWH	PRODUCTION IN MT	KWH/MT
2021-22	2996149	6661	450
2022-23	3462357	7445	465
2023-24	3207405	7531	426



	2021-22	2022-23	2023-24
KWH/MT	374	353	334

Better

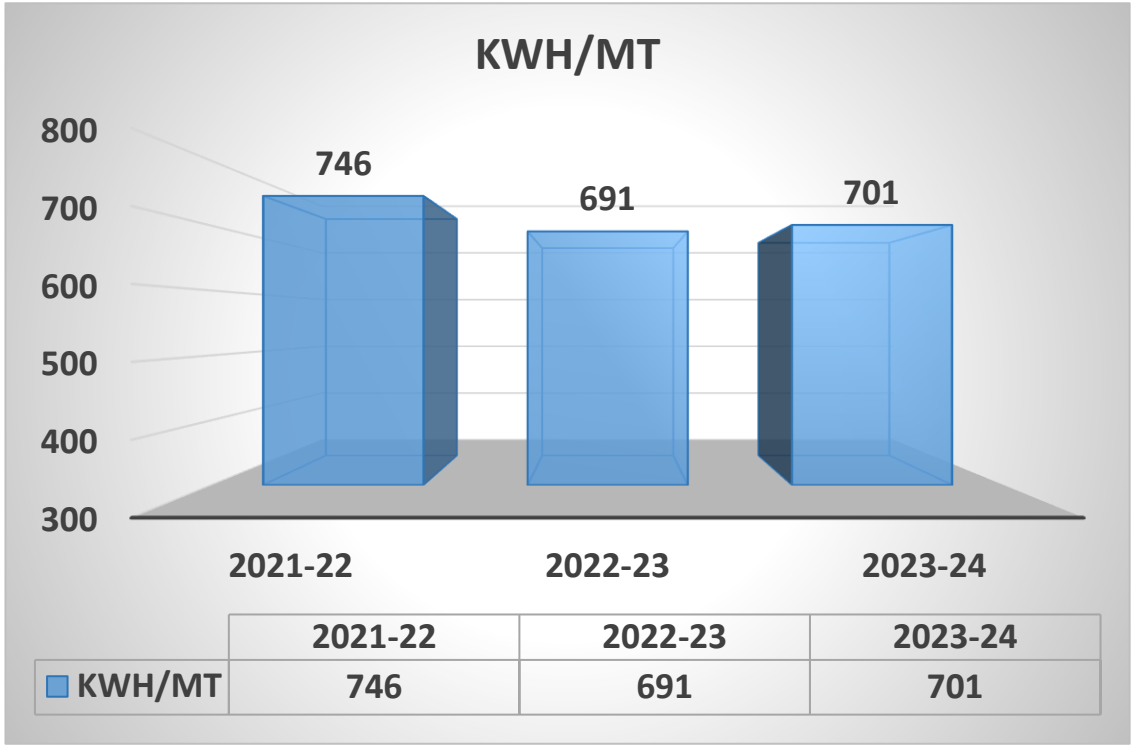


	2021-22	2022-23	2023-24
KWH/MT	450	465	426

MALANPUR- SPECIFIC ENERGY CONSUMPTION (SECTION WISE)

PVC FITTING PLANT			
FY	UNIT CONSUMPTION IN KWH	PRODUCTION IN MT	KWH/MT
2021-22	7332099	9833	746
2022-23	8798968	12733	691
2023-24	9810591	13996	701

CPVC FITTING PLANT			
FY	UNIT CONSUMPTION IN KWH	PRODUCTION IN MT	KWH/MT
2021-22	3031080	2905	1043
2022-23	3199001	3378	947
2023-24	3566763	3653	976



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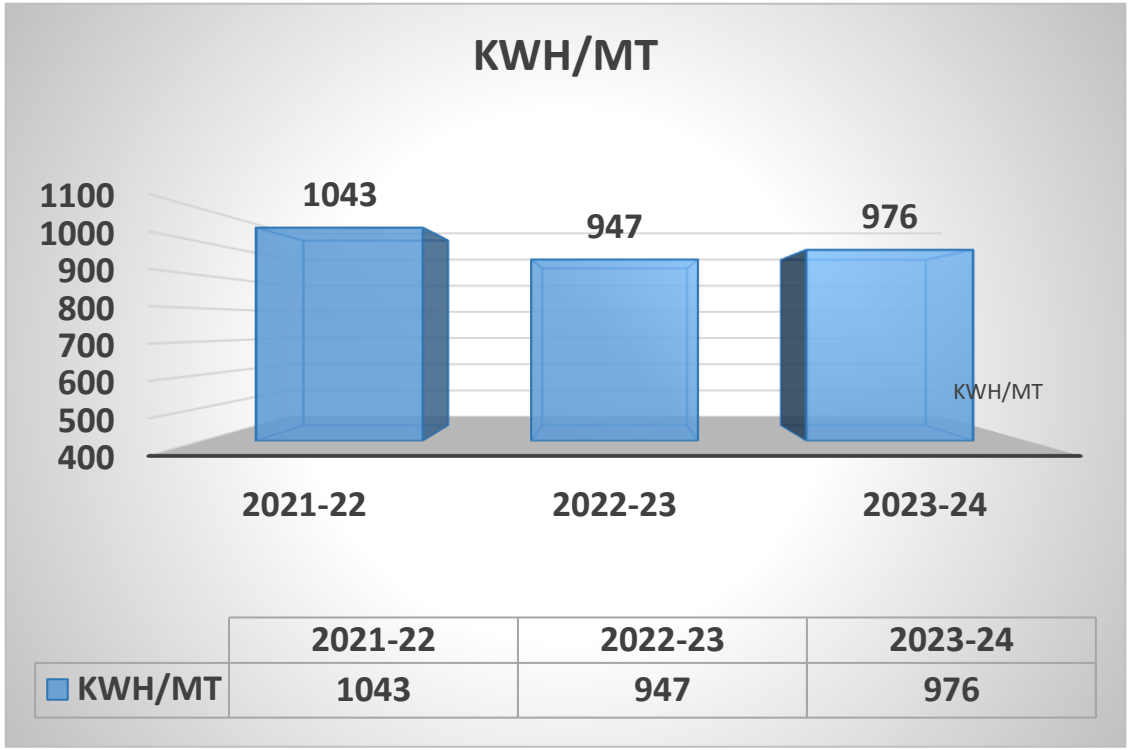

MALANPUR- ENERGY SAVING PROJECT (2021-24)

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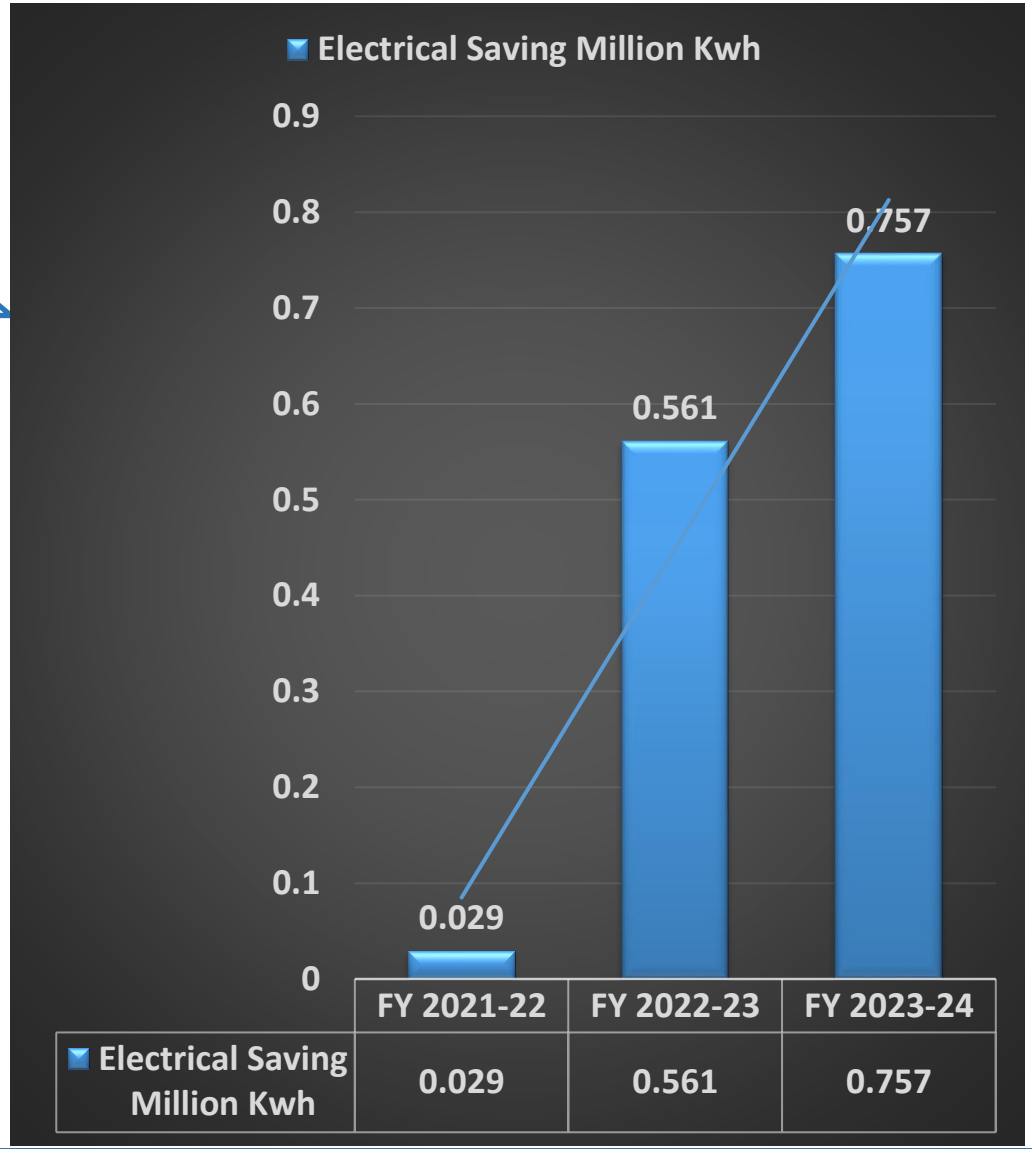
Energy Saving Project Last Three Years					
Year	No Of Energy Saving Projects	Investment (INR Millions)	Electrical Saving Million Kwh	Total Saving(INR Millions)	Payback Period In Months
FY 2021-22	2	0.228	0.0290	0.206	13
FY 2022-23	4	2.011	0.5610	1.614	15
FY 2023-24	9	35.933	0.7565	14.039	31

Better



SUCESSFULLY COMPLETED – 15 MAJOR PROJECTS

MALANPUR- ENCON SAVING PROJECT (2023-24)

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PLAN ENERGY SAVING PROJECT FY-2023-24							
Sr. No.	Project description	INVESTMENTS INR MILLION	ELECTRICAL SAVING MILLION KWH	THERMAL SAVING MILLION KCAL	SAVING DUE TO PRODUCTION INCREASE INR MILLION	TOTAL SAVING INR MILLION	PAY BACK PERIOD IN MONTHS
1	7 nos mold cavity increase for increase m/c utilization in same utility	34.352	0.474	0	8.57	11.997	34
2	Modification process water line PVC fitting plant by separate fix o ring plant process water line supply and replace 30kw process pump by 11kw process pump.	0.67	0.166	0	0	1.203	7
3	30KW VFD FOR PROCESS PUMP-1 PIPE PLANT, MOTOR RUN WITH STAR DELTA STARTER AND POWER CONSUMPTION NOT CONTROL AS PER REQUIREMENTNEW ,SO 30 KW VFD DANFOSS MAKE FITTED ON PIPE PLANT PROCESS WATER PUMP AND CONTROL MOTOR SPEED AS PER REQUIREMNT	0.13	0.023	0	0	0.169	10
4	45KW VFD FOR PROCESS PUMP-2 IMM PLANT, MOTOR RUN WITH STAR DELTA STARTER AND POWER CONSUMPTION NOT CONTROL AS PER REQUIREMENTNEW ,SO 45 KW VFD DANFOSS MAKE FITTED ON IMM PROCESS WATER PUMP AND CONTROL MOTOR SPEED AS PER REQUIREMNT	0.20	0.048	0	0	0.350	7
5	11.0KW VFD FOR FCS PLANT PROCESS PUMP-1 MOTOR RUN WITH STAR DELTA STARTER AND POWER CONSUMPTION NOT CONTROL AS PER REQUIREMENTNEW ,SO 11 KW VFD DANFOSS MAKE FITTED ON FCS PLANT PROCESS WATER PUMP AND CONTROL MOTOR SPEED AS PER REQUIREMNT	0.07	0.010	0	0	0.070	13
6	11.0KW VFD FOR FCS PLANT PROCESS PUMP-2 MOTOR RUN WITH STAR DELTA STARTER AND POWER CONSUMPTION NOT CONTROL AS PER REQUIREMENTNEW ,SO 11 KW VFD DANFOSS MAKE FITTED ON FCS PLANT PROCESS WATER PUMP AND CONTROL MOTOR SPEED AS PER REQUIREMNT	0.07	0.010	0	0	0.070	13
7	5.5KW VFD FOR PALLATIZER PLANT PROCESS PUMP-1; MOTOR RUN WITH STAR DELTA STARTER AND POWER CONSUMPTION NOT CONTROL AS PER REQUIREMENTNEW ,SO 5.5 KW 02 NOS VFD DANFOSS MAKE FITTED ON PALLATIZER PROCESS WATER PUMP AND CONTROL MOTOR SPEED AS PER REQUIREMNT	0.03	0.005	0	0	0.033	11
8	5.5KW VFD FOR PALLATIZER PLANT PROCESS PUMP-2; MOTOR RUN WITH STAR DELTA STARTER AND POWER CONSUMPTION NOT CONTROL AS PER REQUIREMENTNEW ,SO 5.5 KW 02 NOS VFD DANFOSS MAKE FITTED ON PALLATIZER PROCESS WATER PUMP AND CONTROL MOTOR SPEED AS PER REQUIREMNT	0.03	0.005	0	0	0.033	11
9	LED LIGHT FITTED IN PLACE OF 250W MH LIGHT IN PIPE & IMM PLANT QUTY-55	0.37	0.016	0	0	0.115	39
	Total	35.933	0.757	0.000	8.570	14.039	31

MALANPUR- ENCON SAVING PROJECT (2022-23)

Energy Saving Project Fy-2022-23						
Sr. No.	**Project Description**	**Investments INR Million**	**Electrical Saving Million KWH**	**Thermal Saving Million Kcal**	**Total Saving INR Million**	**Pay Back Period In Months**
1	Atlas Copco Screw Vacuum Pump Model GHS585VSD+X2nos. , As a replacement of 14 Nos. of Speck Pumps on 14 Extrusion lines	1.75	0.138	0	1.014	21
2	Compressor fitting and pipe plant GA45 & GA75-02 pressure reduce 5.8BAR TO 5.4 BAR without hamper production and save energy	0	0.082	0	0.601	0
3	Utility Energy Consumption high, because 2x222TR chiller run in winter season. So we provided bypass line for process water direct cooled by colling tower and we save 3512 unit per day	0.175	0.337	0	2.478	1
4	10 NOS LED LIGHT FITTED IN PLACE OF 250W MH LIGHT IN PIPE & IMM PLANT	0.086	0.004	0	0.031	33
	Total	2.011	0.561	0	1.614	15

MALANPUR- ENCON SAVING PROJECT (2021-22)

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ENERGY SAVING PROJECT FY-2021-22					
Sr. No.	**Project Description**	**Investments INR Million**	**Electrical Saving Million Kwh**	**Total Saving INR Million**	**Pay Back Period In Months**
1	30KW MOTOR RUN WITH STAR DELTA STARTER AND POWER CONSUMPTION NOT CONTROL AS PER REQUIREMENTNEW ,SO 30 KW VFD DANFOSS MAKE FITTED ON IMM PROCESS WATER PUMP AND CONTROL MOTOR SPEED AS PER REQUIREMNT	0.109	0.023	0.161	8
2	15 NOS LED LIGHT FITTED IN PLACE OF 250W MH LIGHT IN PIPE & IMM PLANT	0.119	0.006	0.045	32
	Total	0.228	0.029	0.206	13

ENERGY SAVING KAIZEN -1

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Before

After

Investment :
Rs 6.7 lakhs

	Before	After
What	**Two 30KW process water pump run for new fiiting m/c and fix o-ring m/c**	**Modification process water line PVC fitting plant by separate fix o ring plant process water line supply and replace 30kw process pump by 11kw process pump.**
Connected Load	30kW	11 kW
Units/Year	184320 kWH	67584 kWH
Cost	Rs 1332634	Rs 488632

Financial Savings:
1.167 lakhs unit/Yr
Rs 8.44 lakhs/Yr.

ENERGY SAVING KAIZEN -2

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	Before	After
		
What	45 kW Motor run with Star Delta Starter	New 45 kW VFD fitted at Fitting plant process Water Pump-
Current	67 amp	57 amp
Units	324730 kWH	276276 kWH

Investment :
Rs 0.61 lakh

Savings : 10 Amp

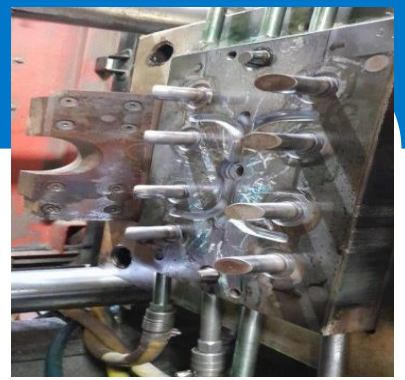
Power Savings :6.27 kW

Financial Savings:
Rs 3.5 lakh/Yr

Savings/Yr : 0.48 lakh units/Yr

ENERGY SAVING KAIZEN -3

Before



After

What

7 nos mold cavity increase for increase m/c utilization in same utility

Benefits in FY 2023-24

weight gain per cavity in grm	total weigh gain in KG FY 2023-24	COST SAVING IN LAC DUE TO WEIGHT GAIN	PRODUCTION INCREASE IN KG DUE TO CAVITY INCREASE FY 2023-24	COST SAVING IN LAC DUE TO PRODUCTION INCREASE	UNIT/KG SAVING	PROCTION IN KG FY2023-24	UNIT SAVING KWH	UNIT COST RS/KWH	UNIT COST SAVING IN LAC	TOTAL SAVING IN LAC	CAPEX COST IN LAC	ROI IN YEARS
5.00	3259	4.89	41384	8.28	0.84	82769	69774	7.23	5.04	18	58.08	3.19
12.00	4094	6.14	35478	7.10	1.11	70955	78902	7.23	5.70	19	70.4	3.72
13.00	2682	4.02	19910	3.98	0.80	39820	31856	7.23	2.30	10	57.2	5.55
2.00	555	0.83	20816	4.16	0.74	41632	30891	7.23	2.23	7	59.84	8.28
20.00	8053	12.08	80531	16.11	1.18	161062	190054	7.23	13.74	42	55	1.31
9.00	2483	3.72	28971	5.79	0.85	57942	49076	7.23	3.55	13	13	0.99
2.00	3204	4.81	12417	2.48	0.39	49668	19222	7.23	1.39	9	16	1.84
1.00	491	0.74	2822	0.56	0.75	5644	4239	7.23	0.31	2	14	8.71
		37		48			474014		34.27	120	344	2.86

ENERGY SAVING KAIZEN -4

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	Before		After
			
What	Old 250wMH light installed (55 no.) replacement	Financial Savings: 15480 Units/Yr.	55 no. of 100w LED light installed
Power	(250w x 8 hrs.)/1000 = 2 kWh/day	Financial Savings: Rs 1.15 lakhs/Yr.	(100w x 8 hrs.)/1000 = 0.8 kWh/day
Savings	Nil		1.2 kWh/day
Lux Level	Low		High

Investment : Rs 3.69 lakhs

PVC PIPE PLANT POWER DATA (UNIT/MT) COMPARE WITH OUR INTERNAL GROUP PLANT COMPETITORS

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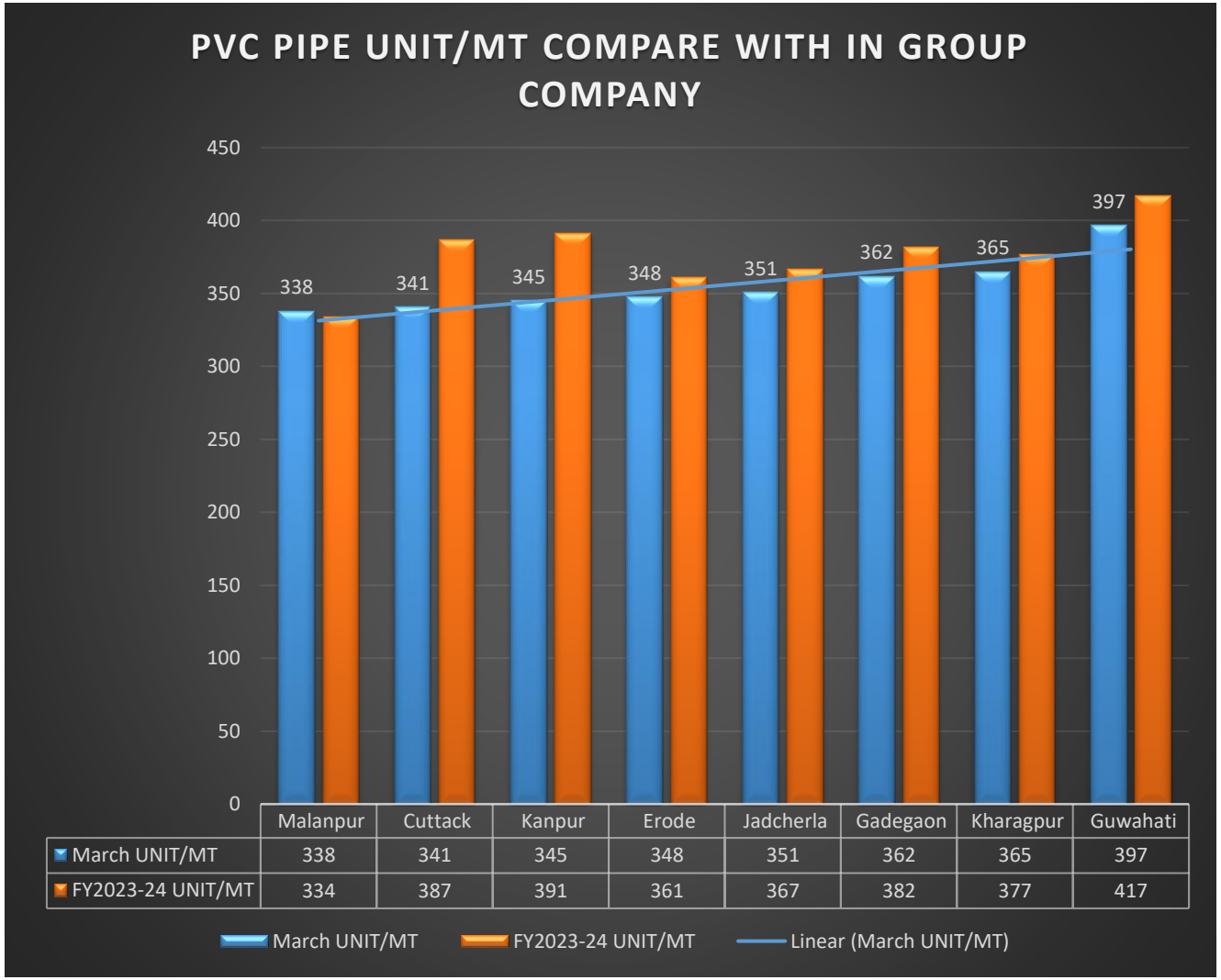
PLANT DETAILS	MARCH-24 UNIT/MT	FY2023-24 UNIT/MT
The Supreme Industries Ltd Malanpur	338	334
The Supreme Industries Ltd Cuttack	341	387
The Supreme Industries Ltd Kanpur	345	391
The Supreme Industries Ltd Erode	348	361
The Supreme Industries Ltd Jadcherla	351	367
The Supreme Industries Ltd Gadegaon	362	382
The Supreme Industries Ltd Kharagpur	365	377
The Supreme Industries Ltd Guwahati	397	417



OVERVIEW ACTION TAKEN FOR ENERGY SAVINGS IN FY-2024-25

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PLAN SETION WISE POWER TARGET DETAILS FOR FY 2024-25			
PLANT	PRODUCTION IN MT	UNIT IN FY 2024-25	UNIT/MT
PVC FITTING	15054	10100100	671
CPVC FITTING	4260	4047000	950
PVC PIPE	47259	15500952	328
PVC PIPE	8850	3628500	410
Total	75423	33276552	441

THE SUPREME IND. LTD MALANPUR IMPROVEMENT TARGET FOR FY-2024-25	
UNIT/MT IN FY 2023-24	451
SAVING KWH/MT IN FY-2024-25 FROM LAST FY 2023-24	10
UNIT SAVING IN FY 2024-25	739221
% OF IMPROVEMENT	2.22

Action Taken For Energy Saving	Remarks
Compressor set pressure as per process requirement	Compressor Pressure Optimization from 5.8bar to 5.4bar
Air leakages monitoring system	Continual process
Energy audit by CII once in a three year	Make action plan as per audit comment
Cooling Tower Fan Controller	Temperature Controller reduced CT Fan Operation
Seasonal utilization of chillers to optimize energy consumption	In winter operate plant from cooling tower
Segregation of high pressure compressor requirement and low air pressure requirement	Fix o ring compressor start pressure @6.2 then use separate small compressor Gx7
5 nos mold cavity increase for increase m/c utilization and reduse specific energy consumption	Plan to complete till January 2025

ENERGY SAVINGS PLAN FOR FY 24-25

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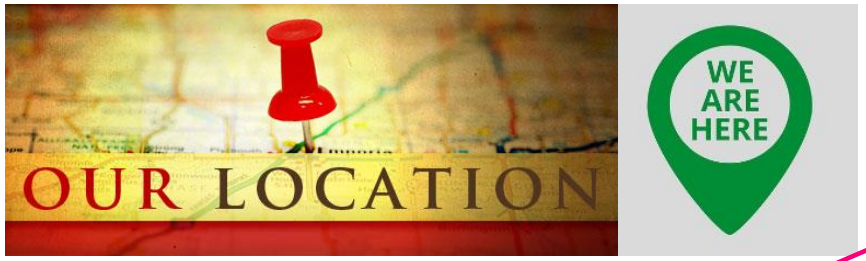
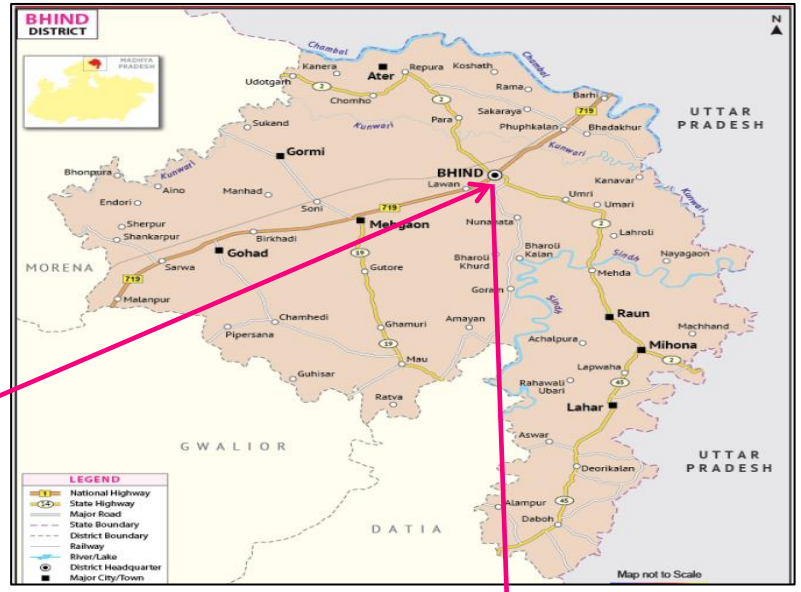
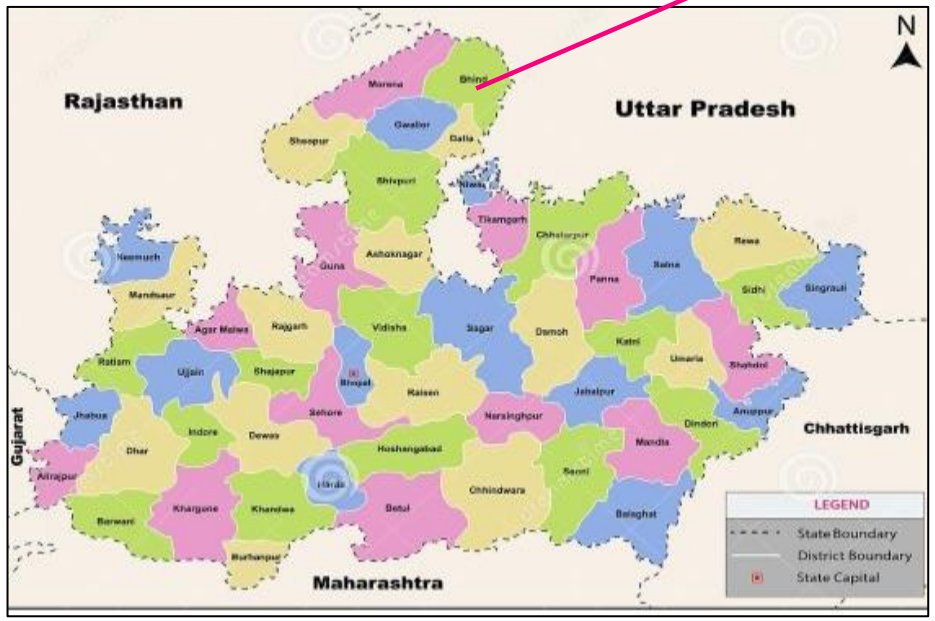
Plan Energy Saving Project Fy-2024-25							
Sr. No.	Project Description	Investments INR Million	Electrical Saving Million Kwh	Thermal Saving Million Kcal	SAVING DUE TO PRODUCTION INCREASE INR MILLION	Total Saving INR Million	Pay Back Period In Months
1	18.5KW VFD FOR MIXER PUMP-1 PIPE PLANT	0.11	0.013	0	0	0.097	14
2	HIGH MAST 400W MH LIGHT REPLACE BY 150W LED LIGHT QUTY-27	0.24	0.018	0	0	0.133	22
3	100W LED LIGHT FITTED IN PLACE OF 250W MH LIGHT IN PIPE & IMM PLANT QUTY-55	0.37	0.022	0	0	0.162	27
4	5 nos mold cavity increase for increase m/c utilization and reduse specific energy consumption	8.70	0.474	0	4.69	3.427	30
	Total	9.422	0.528	0.000	4.690	3.819	30

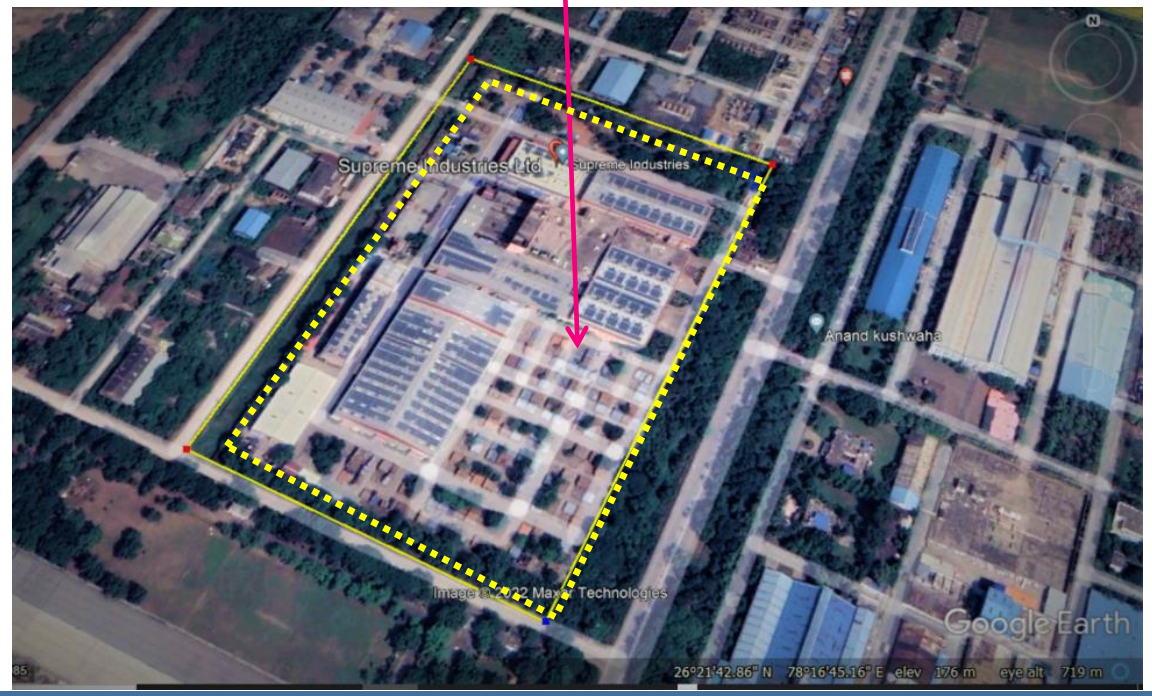
THE SUPREME INDUSTRIES LTD

MALANPUR- PLASTICS PIPE AND FITTING DIVISION









INSIGHTS : RE – MALANPUR PVC

SOLAR PHOTOVOLTAIC CELLS MODULES DETAILS

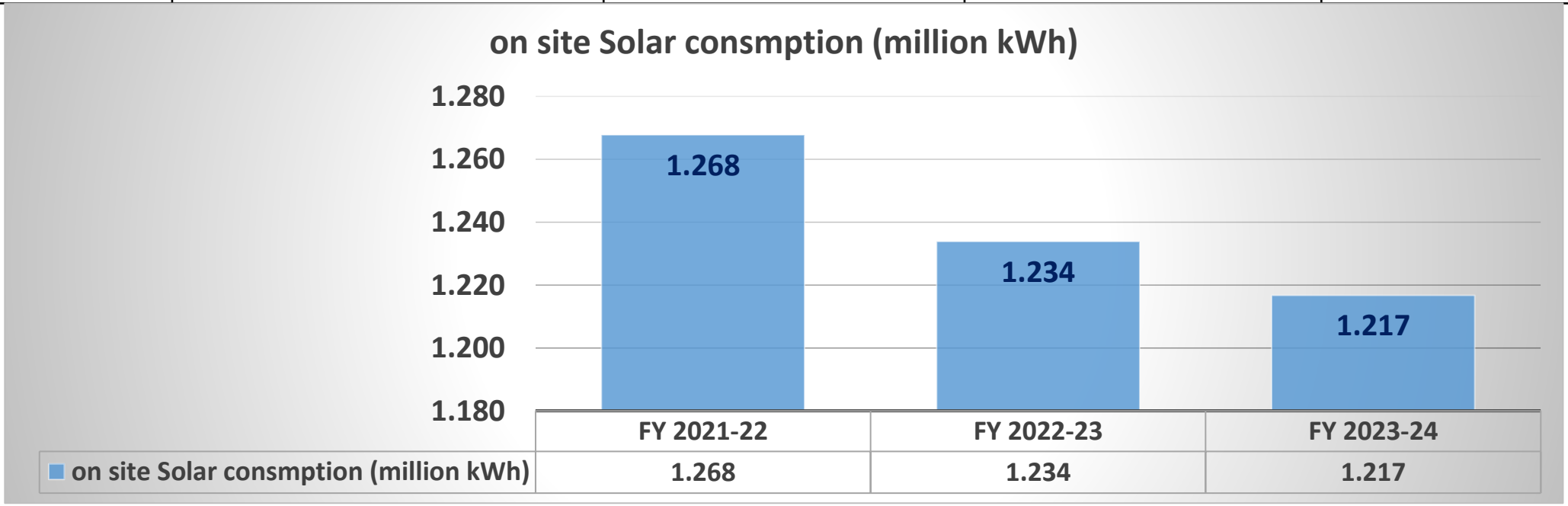
Rated Power	TRINA 310 Wp	TRINA 325 Wp
No. of Cells	72	
Type of Cell	Monocrystalline	
Description	TRINA Dual Glass Frame Less Module	TRINA PD 14 Module with Frame
No. of Module	2960	160
Capacity	917.6 kWp	52 kWp
Module Dimension	1978 x 992mm	1960 x 992mm
Module Thickness	6 mm	40 mm

The Supreme Industries Ltd Malanpur

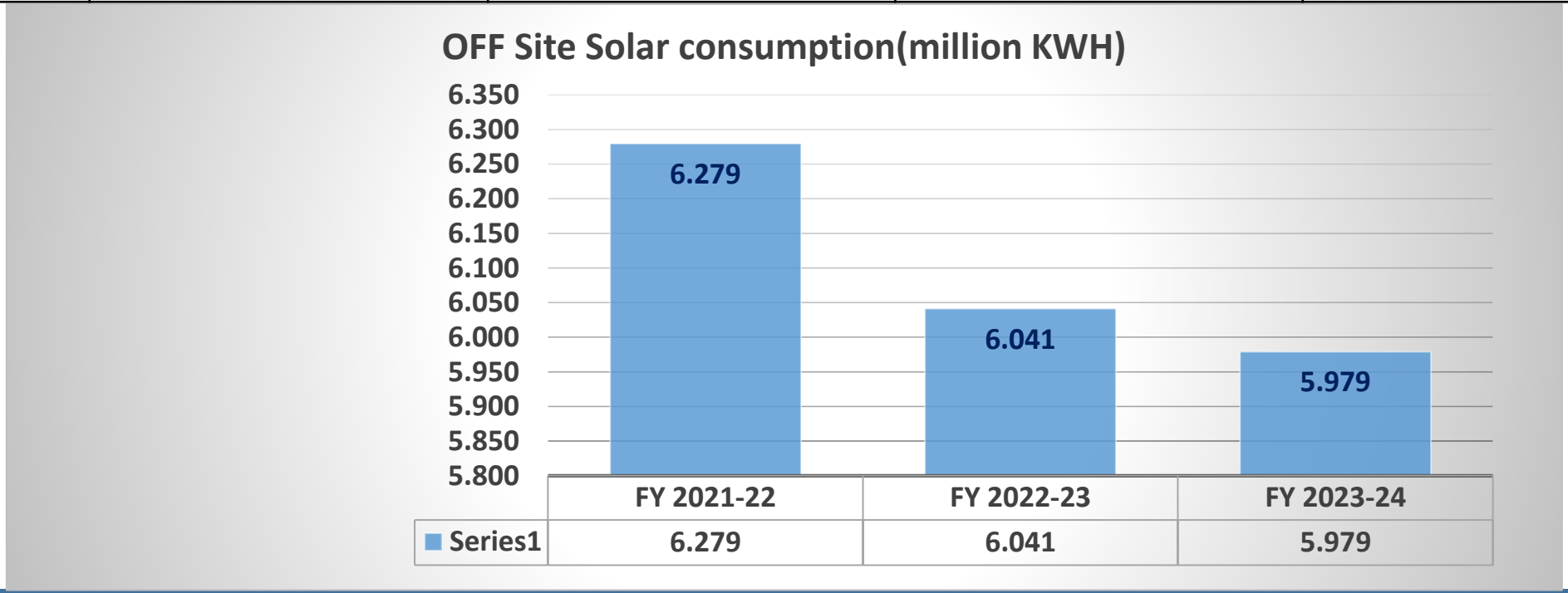
GHG Emission

Particular	UOM	2021-22	2022-23	2023-24
Scope-1	Kg CO2e/MT	3.50	5.94	10.15
Scope-2	Kg CO2e/MT	229.46	236.45	247.89
Scope-3	Kg CO2e/MT	Not Calculate	1,204.19	WIP

Onsite Generation				
Year	Technology (Solar/Wind/Biomass Etc.)	Installed Capacity (MW)	On Site Solar Consumption (Million Kwh)	% Of Overall Electrical Energy Consumption
FY 2021-22	SOLAR	0.81	1.268	5.4
FY 2022-23	SOLAR	0.81	1.234	4.3
FY 2023-24	SOLAR	0.81	1.217	3.9



OFFSITE GENERATION				
Year	Technology (Solar/Wind/Biomass Etc.)	Installed Capacity (MW)	Consumption (Million Kwh)	% Of Overall Electrical Energy Consumption
FY 2021-22	SOLAR	3.63	6.279	26.5
FY 2022-23	SOLAR	3.63	6.041	21.2
FY 2023-24	SOLAR	3.63	5.979	19.1



GAINS ACHIEVED 2023-24 : RE – MALANPUR PVC

Approx. 71.96 lakhs (12.17 lakhs onsite generation) Green kWh consumed (approx. 22% of total requirement)

5173 tCO2 avoided emission

GHG PROFILE MALANPUR PVC – FY 2023-24

17940 TCO_2 Total Emission	**705 TCO_2** Scope 1 Emission	**17235 TCO_2** Scope 2 Emission
69472 MT Production	**0.26 TCO_2/MT** Emission Intensity	**5173 TCO_2** Avoided Emission in FY 2023-24

PLANNED REDUCE GHG EMISSION 2024-25 BY INCREASE RE – MALANPUR PVC

Approx. 132 lakhs (12 lakhs onsite generation) Green kWh consumed (approx. 40% of total requirement)

Approximately 9491 tCO2 avoided emission in 2024-25

wind-solar hybrid

Innovative Project – 1

Industry 4.0 IMM PLANT

1.Real data available on your desktop, laptop, and smart phone or any other device.
2.Real Time alerts available in form of text or mail.
3.Machine lifecycle also available (Screw, Barrel zone heater, screw tip), alert message also comes if any problem found in same.
4. Algorithm Based prediction to improve machine and parts life.
5.Use AI to improve our productivity.
6.paper less work, no need to maintain any record.
7.Shopfloor digitalization.
8.As per critical operation parameter we maintain the recipe. If any parameter changed by operator system generate the alerts.
9.All required report will be available on our schedule time with key parameters.
10.Machine parts health's also shows by system.
11.If we get real time data for the breakdown and rejection so our team quick response on the same
12.Glossary view also available.
13.Process data automatically generated based on your best process parameters.
14. Realtime time dashboard also available as per data required.
15.We also observed real time energy consumption.

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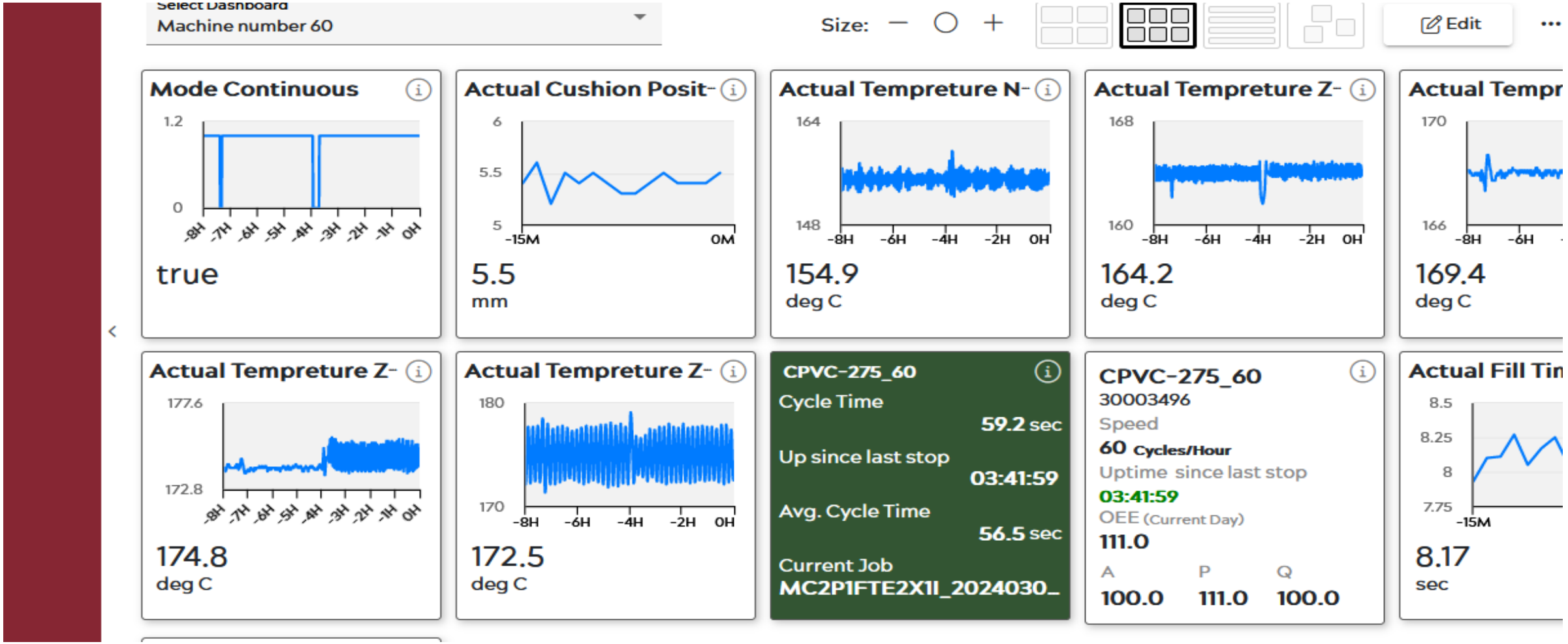
Innovative Project – 1



Innovative Project – 2

- **ENERGY MONITORING SYSTEM**
- **Installation of online energy monitoring system for different units of plant and configuration with PLC for Demand control**

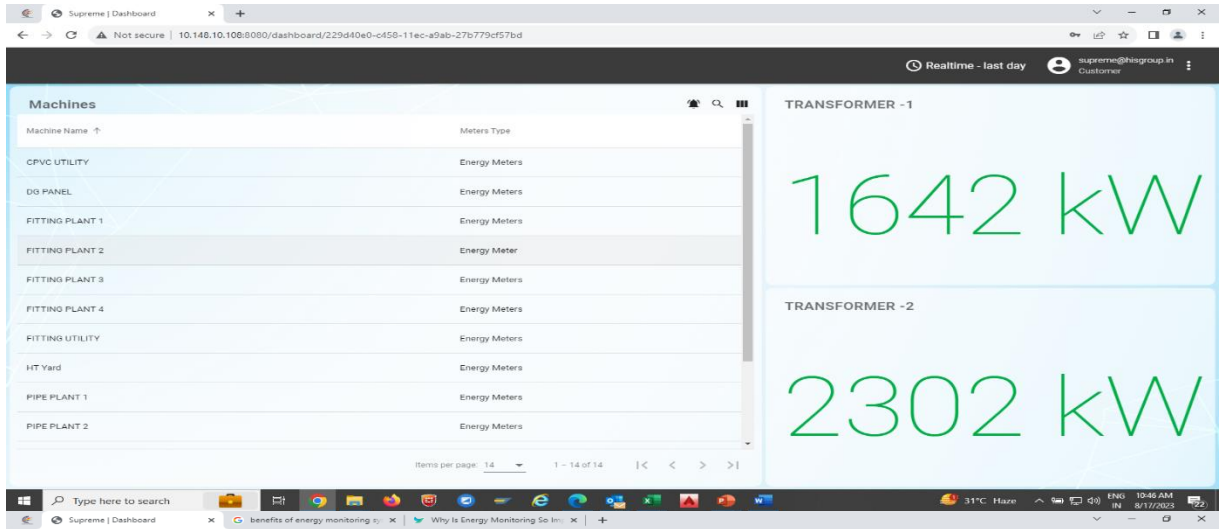
Problem identified:

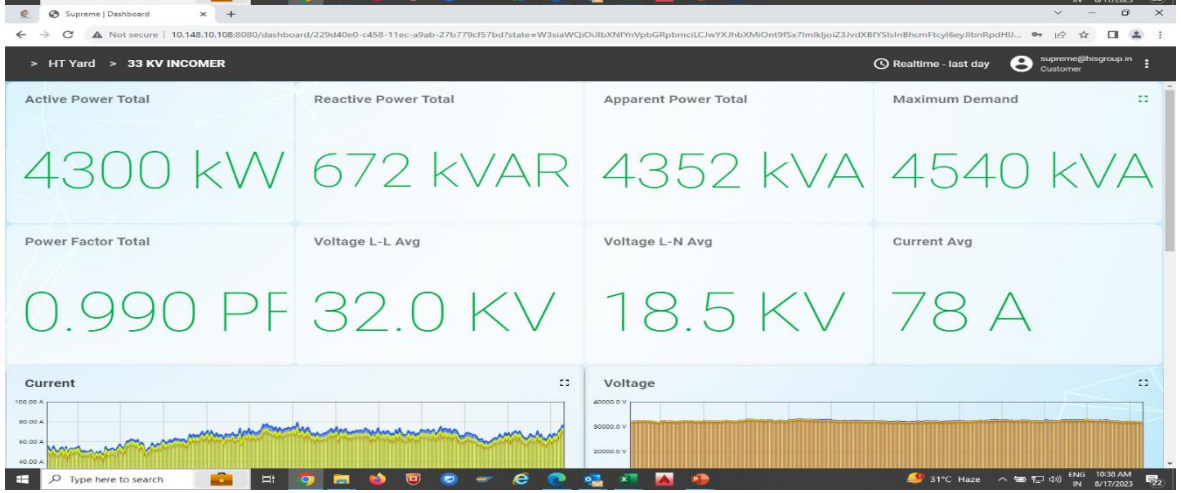
- ❖ **Difficulty to get real time power consumption with accuracy.**
- ❖ **Difficulty to get day power consumption trend.**
- ❖ **Difficulty to power consumption optimization to control demand.**
- ❖ **Difficult to manage power demand for our both transformers.**

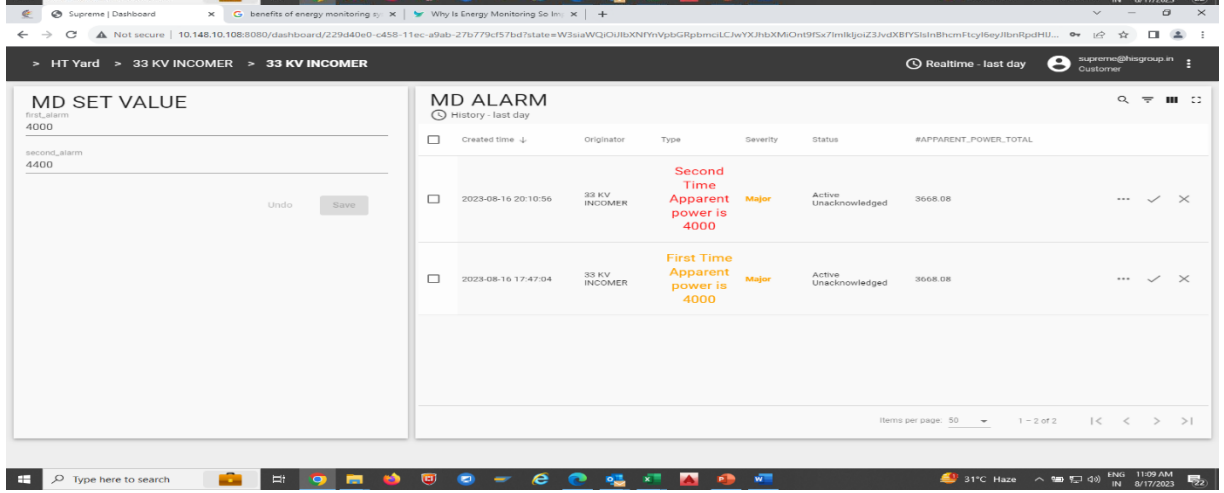
Benefit

- ❖ **Accurate data with real time and human error zero**
- ❖ **Monitor daily power consumption trend and easy to analysis data for power consumption control.**
- ❖ **Control energy significant area power with better utilization**
- ❖ **Control maximum demand and auto stop noncritical load by PLC control.**
- ❖ **Utility system monitoring and alarm facility for control wastage.**

Implementation: - Real time monitoring and analysis energy monitoring system







ENERGY POLICY

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ENERGY POLICY

THE SUPREME INDUSTRIES LIMITED (Supreme) IS COMMITTED AND PLEDGED TO CONSERVE ENERGY JUDICIOUSLY IN ALL ITS PROCESSES, PRODUCTS AND SERVICES ACROSS THE ORGANIZATION. WE SHALL ENDEAVOUR TO TRANSFORM ENERGY CONSERVATION INTO A STRATEGIC BUSINESS GOAL FULLY ALIGNING WITH THE TECHNOLOGICAL ADVANCEMENTS BY IMPROVING THE SKILLS AND KNOWLEDGE OF OUR EMPLOYEES. THE OBJECTIVES TO ACHIEVE THE ENERGY SAVING ARE AS FOLLOWS :

- To reduce specific energy consumption in all our operations & activities by improving energy efficiency.
- Adopting best energy efficient technology equipment's available in the Global Market
- Committed to fulfill 35- 40% of the electricity demand through renewable sources by 2025.
- Committed to reduce the Carbon footprint GHG emission by 5% year on year basis upto 2025.
- To provide a framework EnMS Certification 50001 an focused documented approach for setting and reviewing objectives and Energy Targets.
- To improve Energy Performance and Energy Management system through Continual monitoring
- To encourage the supply chain partners for adopting sustainable sourcing of materials with low embodied energy.
- Energy conservation awareness program throughout the organization to ensure participation of all employees.
- Designing of new establishment & renovated facilities in line with better energy performance .
- To Commit & satisfy applicable legal requirements and other requirements related to energy efficiency, energy use and energy consumption.
- To Commit & ensure availability of information and necessary resources to achieve objectives and energy targets.

S. J. TAPARIA
(EXECUTIVE DIRECTOR)

IMS CERTIFICATION ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018

Bureau Veritas Certification

THE SUPREME INDUSTRIES LIMITED
(PLASTIC PIPES & FITTING DIVISION)

K1 TO K4, K8, K9 GHIRONGHI, INDUSTRIAL AREA, MALANPUR,
DISTRICT BHIND – 477 116, MADHYA PRADESH, INDIA.

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above Organisation has been audited and found to be in accordance with the requirements of the Management System Standards detailed below.

Standards

ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018

Scope of certification

MANUFACTURING OF PLASTIC PIPES AND PIPE FITTINGS

Original cycle start date for ISO 9001 & ISO 14001: **25 August 2014**
Original cycle start date for ISO 45001: **20 August 2020**
Recertification cycle start date: **20 August 2023**
Subject to the continued satisfactory operation of the Organisation's Management System, this certificate is valid until: **19 August 2026**
Certificate No. **IND.23.6159/IM/U** Version: **1** Issue date: **20 August 2023**

For certificate authenticity, click here https://certcheck.ukas.com/

ISO 9001	IN044085
ISO 14001	IN044084
ISO 45001	IN044083

UKAS MANAGEMENT SYSTEMS 0008

Signed on behalf of BVCH SAS UK Branch
Jagdheesh N. MANIAN
Director – CERTIFICATION, South Asia
Commodities, Industry & Facilities Division

Certification body address: 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom.

Local office: Bureau Veritas (India) Private Limited (Certification Business) 72 Business Park, Marol Industrial Area, MIDC Cross Road "C", Andheri (East), Mumbai – 400 093, India.

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.
To check this certificate validity please call + 91 22 6274 2000.

ISO 50001:2018 CERTIFICATION

Bureau Veritas Certification

THE SUPREME INDUSTRIES LIMITED

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K1 TO K4, K8, K9 BLOCK, GHIRONGI, INDUSTRIAL AREA, MALANPUR,
DISTT. BHIND – 477 116, MADHYA PRADESH, INDIA.

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the Management System Standard detailed below.

Standard

ISO 50001:2018

Scope of certification

MANUFACTURING OF PLASTIC PIPES AND FITTINGS

Original cycle start date: **27 November 2022**
Expiry date of previous cycle: **Not Applicable**
Certification Audit date: **21 October 2022**
Certification cycle start date: **27 November 2022**
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **26 November 2025**
Certificate No. **IND.22.20408/EN/U** Version: **1** Issue date: **27 November 2022**

UKAS MANAGEMENT SYSTEMS 0008

Signed on behalf of BVCH SAS UK Branch
Jagdheesh N. MANIAN
Director – CERTIFICATION, South Asia
Commodities, Industry & Facilities Division

Certification body address: 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom.

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THE SUPREME INDUSTRIES MALANPUR AWARD FOR BEST ENERGY SAVING PRACTICES

CII AWARD ENERGY EFFICIENT UNIT-2023

SEEM GOLD AWARD - 2022

ENERGY AND ENVIRONMENT TEAM

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Corporate Team

Vasudev Sharma
Senior General Manager – Energy and Environment

Yogesh Gupta
Senior Manager – Energy and Environment

Shashank Srivastava
Manager – Energy and Environment

Siddharth Srivastava
Manager – Energy and Environment

Santosh Kabra
Plant Head

Plant Team

Maintenance	Production	Plant	Purchase & HR
Mr. Rakesh	Mr. Ajay	Mr. Sanjay	Mr. Anil
Mr. Vikash	Mr. Motichand	Mr. Shivraj	Mr. Harish
Mr. Virendra	Mr. Bharat	Mr. Jitendra	Mr. Shekhawat
Mr. Anish	Mr. Ravi	Mr. Ravi	Mr. Shiv
Mr. Nitin	Mr. Raghvendra	Mr. Arun	Mr. Brajesh
Mr. Vinod	Mr. Ranjan	Mr. Ajay	Mr. Jitendra
	Mr. Vijay	Mr. Satish	Mr. Mahendra
	Mr. Daulat	Mr. Bhoopendra	
	Mr. Kapil	Mr. Hanuman	
	Ms. Sanwari	Mr. Satendra	

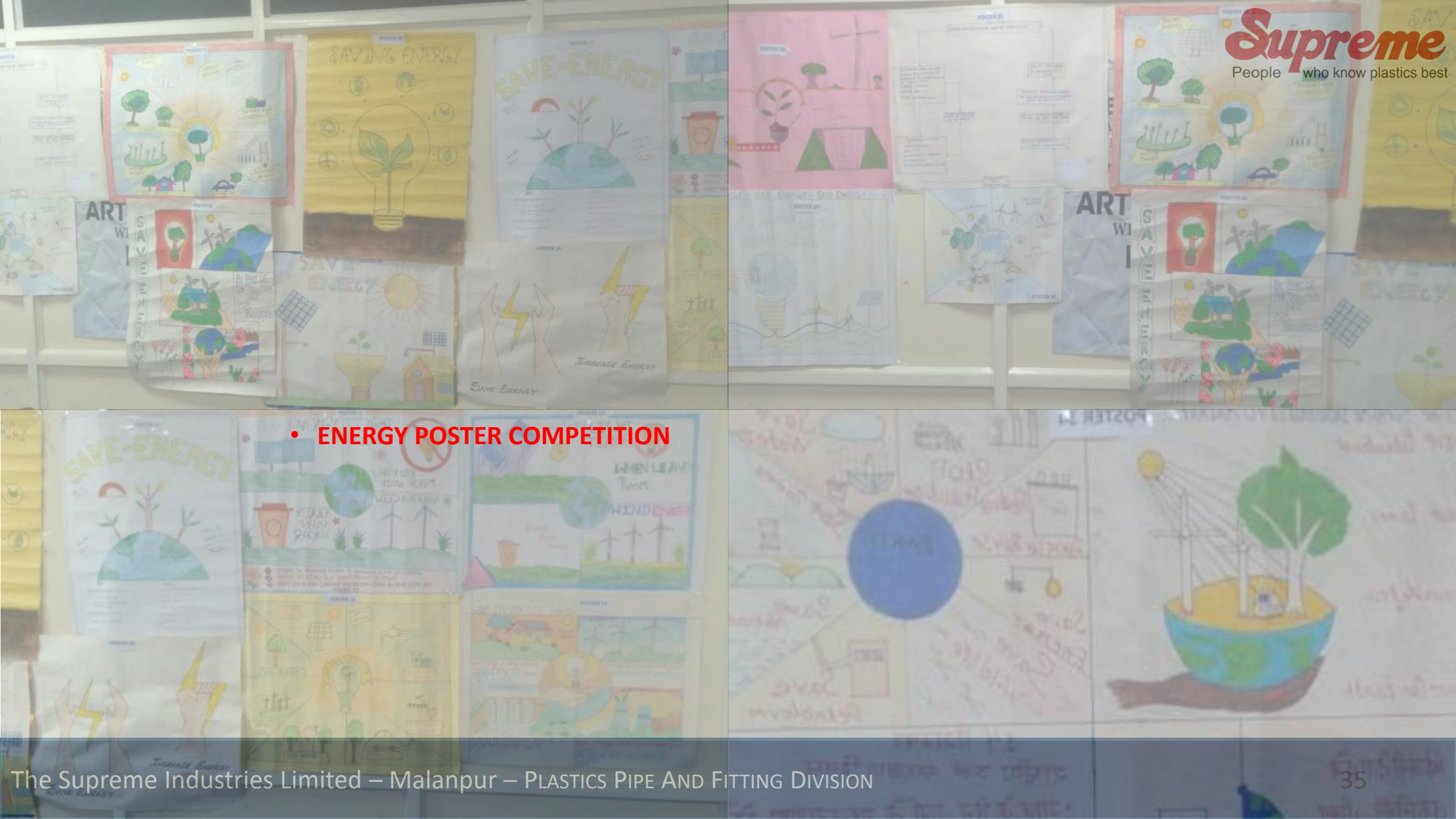
- ISO 50001 handholding for implementation
- Sharing best practices to supplier
- Energy eff. Facility planning
- Upgradation to eff. Technologies
- Supplier training
- Process study and gap analyses
- Benchmarking
- Efficient O&M of utility/IT facilities
- Upgradation to eff. Technologies
- Process study Benchmarking
- Facilitate external training
- Participation in external events
- Rewards and recognition
- Green supply chain initiatives

- Daily monitoring & control
- Gap analyses
- Zero investment idea implementation
- Operational efficiency during fluctuating demand
- Idea generation
- Motivate employee involvement
- Training need identification

Total no of Energy Management System coordinators & Energy champions = 90 Nos


THE SUPREME INDUTRIES LIMITED
Plastic pipe & fitting division, Malanpur
NATIONAL
ENERGY CONSERVATIO
DAY
14TH DECEMBER


P-D-C-A
CYCLE



- **ENERGY POSTER COMPETITION**


THANKS