HERITAGE FOODS LIMITED

GOKUL-KASIPENTLA

Presented by

N.Vamseedhar :Sr.GM opns

J. Rajasekhar :Sr.Manager Opns

R.Anitha :Manager Opns

GOKUL PLANT

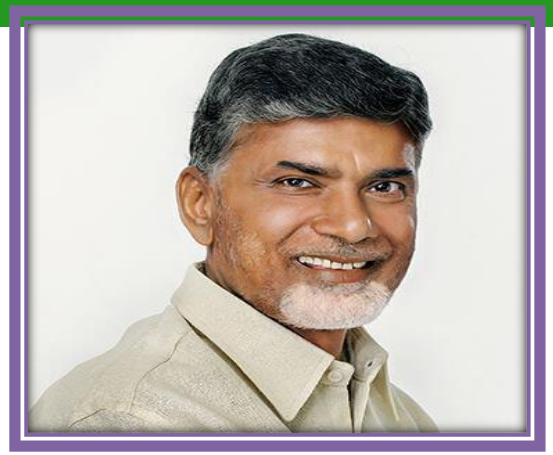
Heritage

HEALTH AND HAPPINESS

The Promise Of Health And Happiness

AERIAL VIEW OF GOKUL PLANT

HERITAGE PROFILE & PRODUCT DETAILS



The Heritage Group was founded in 1992 by **Sri Nara Chandrababu Naidu garu**, with Three-business divisions viz., Dairy, Renewable Energy and NutriVet under its flagship Company Heritage Foods Limited (HFL).

Smt N.Bhuwaneswari

Vice Chairman & Managing Director

Smt N.Brahmani

Executive Director

30 YEARS OF HERITAGE

RANGE OF PRODUCTS

Heritage HEALTH AND HAPPINESS

VISION

Delighting Every Home With Fresh and Healthy Products and Empowering the Farmer.

MISSION

- To be a Nationally recognized brand for healthy and fresh products with a revenue of INR 6000 core by 2024.
- We anticipate, understand and respond to our customers needs by creating high quality products and making them available through innovative and convenient channels.
- We embrace the right technology to delight our customers.
- We are a strong supporter of balancing Economic, Social and Environmental aspects to create a better tomorrow.
- We are devoted to empowering the farming community through our unique "Relationship Farming model.
- We aim to be employer of choice by nurturing entrepreneurship, Promoting empowerment along side transparent and open Communication.

HERITAGE INTRODUCTION

At Present Heritage Foods Limited is with

18-Packing Stations

&

199-Chilling Centers & Bulk Coolers

- ✓3,00,000 Farmers - Supply Fresh, Pure Milk Twice a Day
- ✓199 Bulk Coolers, Mini Chilling &Chilling Centers - Procure Milk Daily
- ✓12663 Milk procurement villages
- ✓2.10 million liters per day - Chilling Capacity
- ✓2.6 million liters per day - Processing Capacity
- ✓1.7 million liters per day - Packaging Capacity
- ✓1400 Heritage Parlors - Operated by Our Franchisees
- ✓1,18,500 Retail Outlets - Sell Heritage Products From Their Stores
- ✓1.5 Million Families - Buy Heritage Milk Daily
- ✓ Direct employment - 2,400
- ✓ Indirect employment - 10,000

The annual turn over of Heritage Foods crossed Rs.2699.22 Crore in financial year 2021-22

HERITAGE INTRODUCTION

A Heritage of

Happiness

Goodness comes in many milky ways.

15,00,000
Families Consume Heritage Products Daily

942
Heritage Parlours Operated by Our Franchisees

3,00,000
Farmers Supply Fresh, Pure Milk Twice a Day

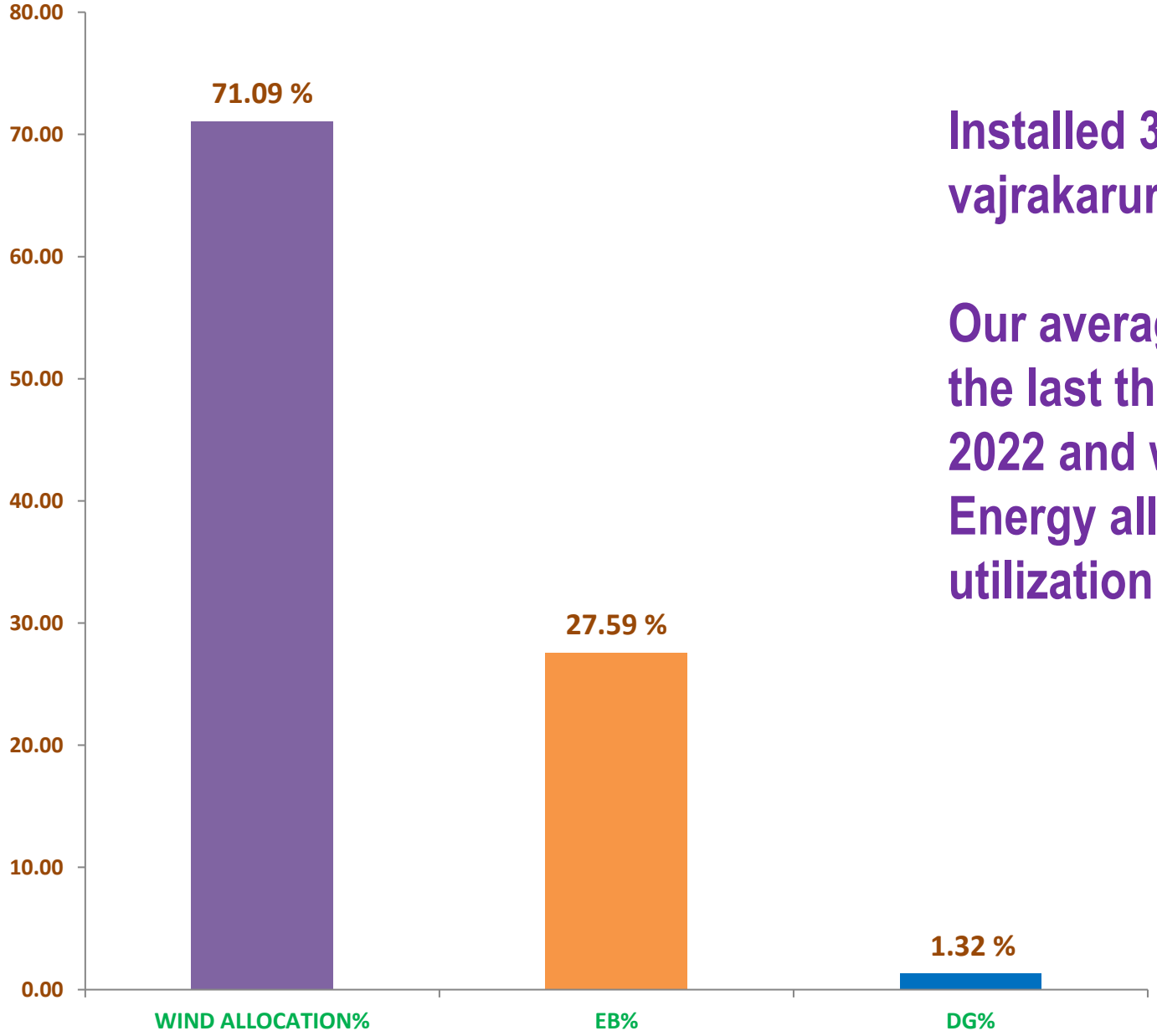
1,25,000
Retail Outlets Sell Heritage Products From Their Stores

181
Bulk Coolers, Mini Chilling & Chilling Centres Procure Milk Daily

GOKUL : THE CROWN OF HERITAGE

- ✓Was Commissioned in the Year 1996
- ✓ The Biggest Plant Of Heritage
- ✓ Present Capacity is 5.0 Lakhs Liters / day
- ✓ Supplies Milk to Chennai and Tirupati and Products across Several States
- ✓ Accredited with ISO 22000 Certification in 2007
- ✓ Accredited with EIA Certification in 2010
- ✓ Certified with ISO 50001:2011 EnMS in 2013 and upgraded with new version ISO 50001:2018 EnMS in 2020
- ✓ Winner of "National Energy Conservation" Awards in 2008, 2010, 2012, 2015, 2017& 2020.
- ✓CII "Excellent Energy efficient" award in 2020
- ✓CII "Excellent Energy efficient" award in 2021
- ✓CII Innovative Project award in 2021

ENERGY CONSUMPTION OVERVIEW WIND, EB & DG 2021-22



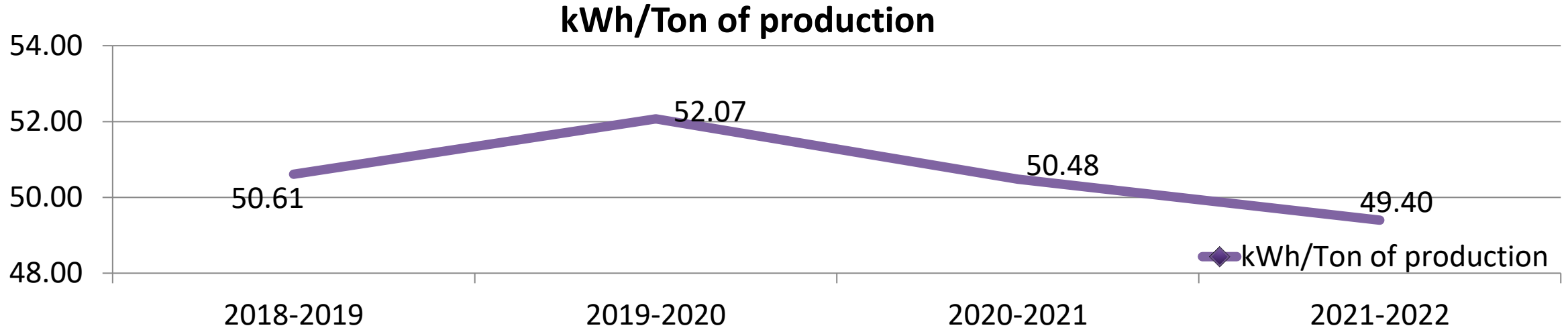
Installed 3 no's of 2.1 Mw wind power plant in 2013 at vajrakarur Ananthapur,

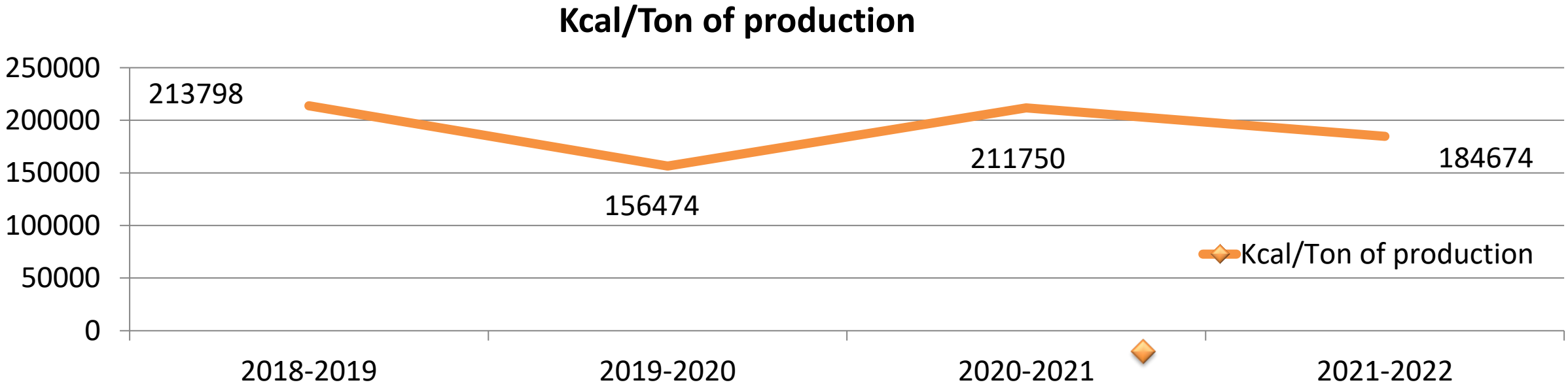
Our average utilization of Wind power is 71.09 % for the last three years i.e., for the period of Year 2019-2022 and we planned to interchange our Wind Energy allocation among internal plant such that our utilization planned to improve further to 75%

ENERGY CONSUMPTION OVERVIEW

Parameters	Unit of Measurement	2018-2019	2019-2020	2020-2021	2021-2022
Annual Electrical Energy Consumption	million kWh	6.27	6.35	5.93	5.24
Annual Cost of Electricity Consumed	million INR	43.91	44.47	41.53	36.70
Annual Thermal Energy Consumption	million kcal	26209	18685	24885	19617
Annual Cost of Thermal Energy Consumed	million INR	26	19	25	19.60
Specific Electrical Energy Consumption	kWh/Ton of production	51	52	50.48	49.40
Specific Thermal Energy Consumption	Kcal/Ton of production	213798	156474	211750	184674

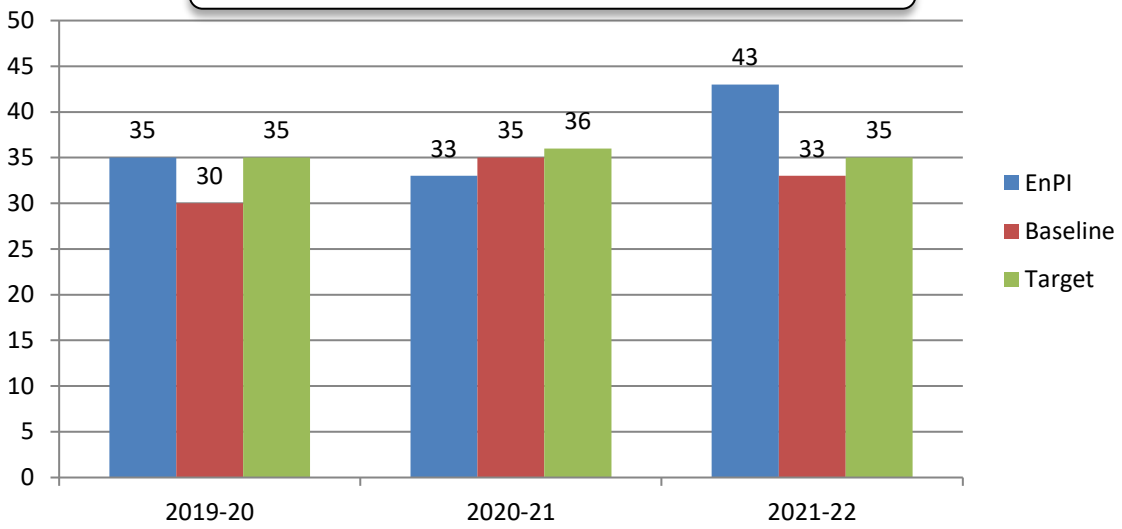
ENERGY CONSUMPTION OVERVIEW





SPECIFIC ENERGY CONSUMPTION EnPI's SECTION WISE

CUP CURD EnPI KGS/KWH



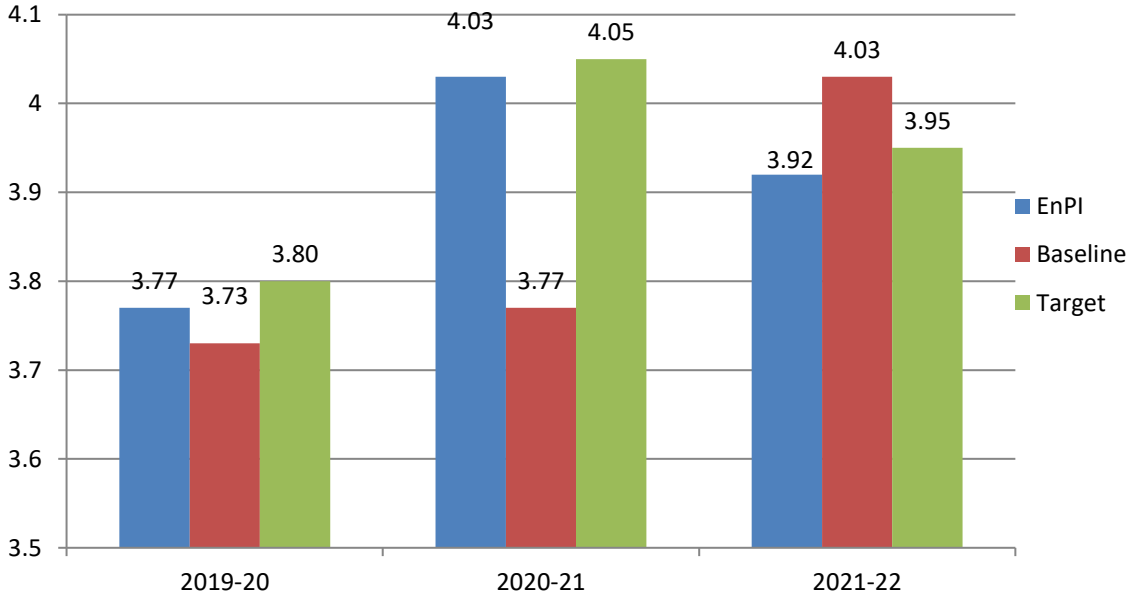
2020-21: (from 35 to 33 Kgs /KWh)

*

2021-22: (from 33 to 43 Kgs /KWh)

*DTM pouch curd production increased

3TON BOILER EnPI STEAM/WOOD



2020-21: (from 4.17 to 4.03 steam/wood)

* Excess moisture in wood, Biogas purification low, to be improved

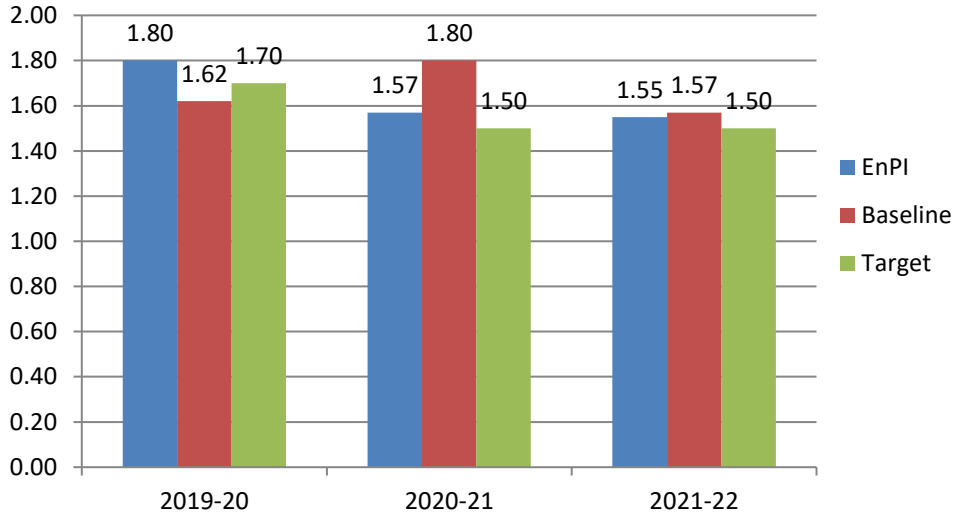
2021-22: (from 4.03to 3.92 steam/ wood)

* Due to heavy rains Wood moisture is high

- Bio gas little bit down now its improve the Bio gas
- IC reactor auto Level control failure- Corrected

SPECIFIC ENERGY CONSUMPTION EnPI's SECTION WISE

WATER EnPI WATER RATIO/MILK



2020-21: (1.80 to 1.57 Lts water/ Lts of Milk)

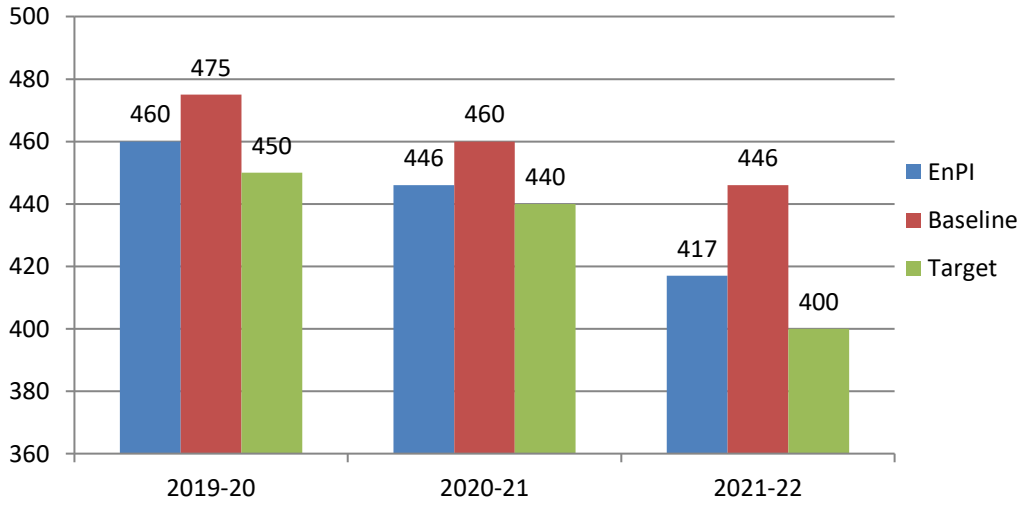
*Powder plant running in 5 months calendar2,3&4 water converted to raw water

* High pressure jets used for cleaning.

2021-22: (1.57 to 1.55 Lts water/ Lts of Milk)

* Arranged automatic flow control value to Refricon water out let based on hot water temperature

LIGHTING EnPI KWH/DAY



2020-21: (from 460 to 446 kWh per day)

* Lights optimization done after 6 AM.

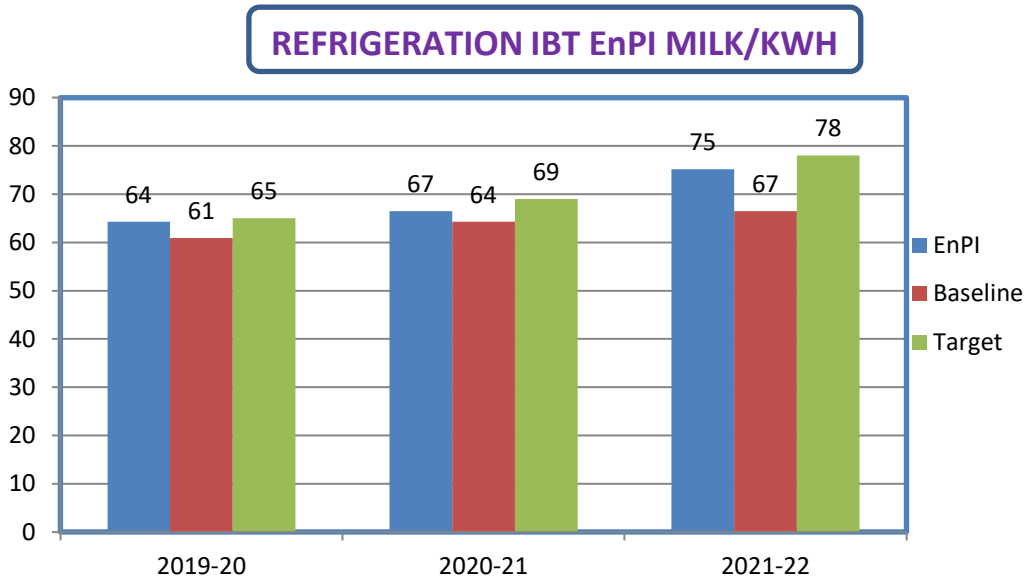
* Voltage reduction from 440v to 400v by transformer.

Close monitoring initiated to reduce the load

2021-22: (from 446 to 417 kWh per day)

*Cold room provided to limit switches

*LED dual tube light to BATTEN Light changed



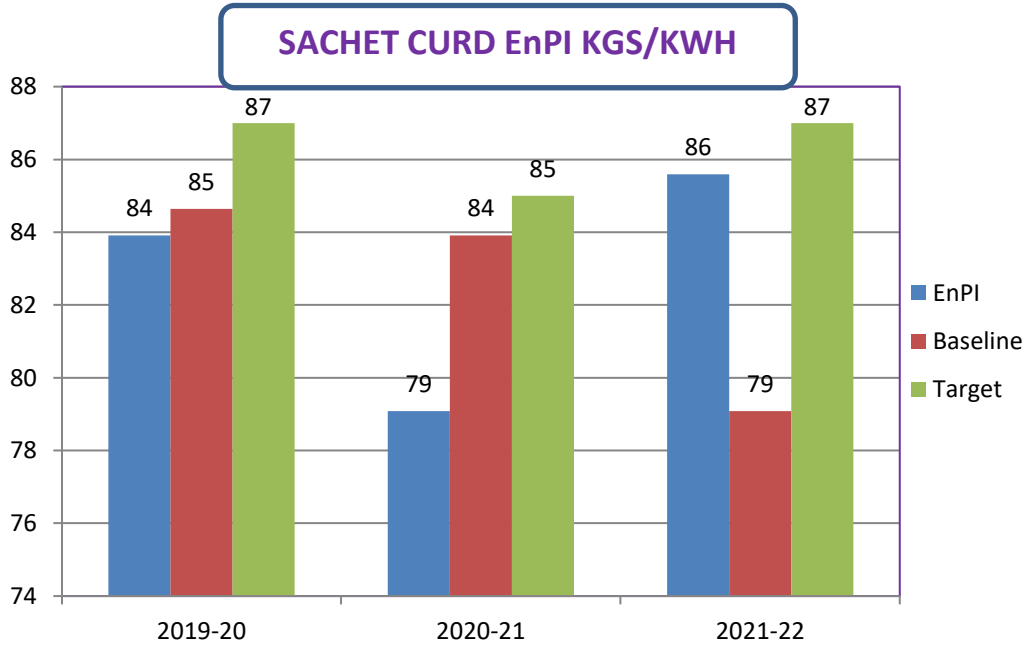
2020-21: (from 64 to 67 Lts/ kWh)

•Installed 205TR Screw compressor, Hydro pneumatic chill water pumps & Falling film chillier

•2021-22: (from 67 to 75 Lts/ kWh)

• Installed 10HP Grundfoss pumps for 410 TR condenser in place of 20HP kirloskar mono block pump @160M3/hr

• VFD 2nos for cooling tower fans and its running based on tub temperature



2020-21: (from 84 to 79 Lts/ kWh)

• Due to covid production decreased from 70 tons to 45 tons @ minimum cold stores running

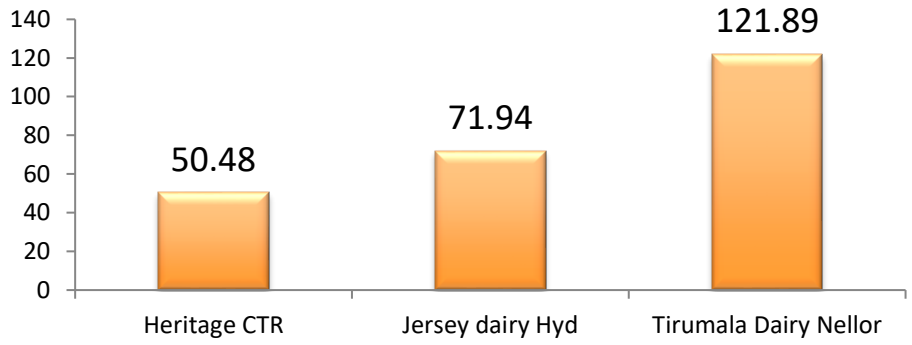
•2021-22: (from 79 to 86 Lts/ kWh)

• Installed 5HP Milk pump in place of 7.5 HP to curd pasteurizer

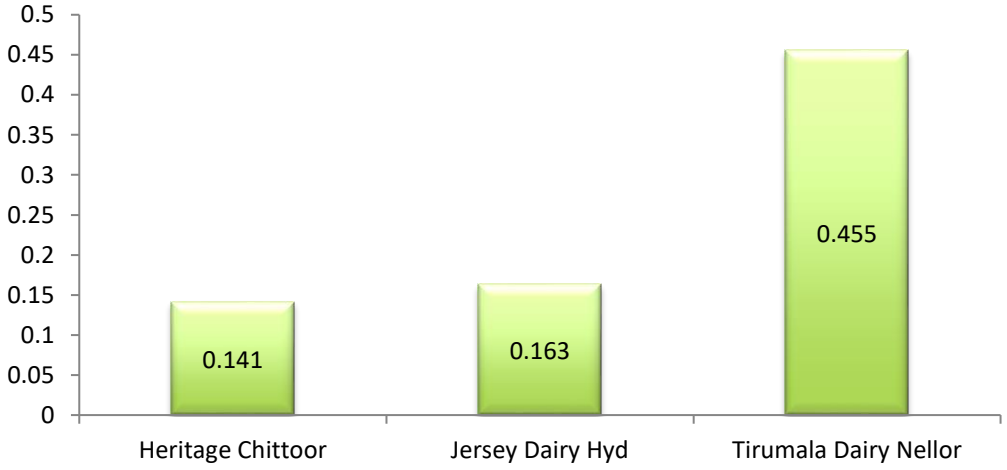
COMPETITORS NATIONAL BENCH MARK

2020-21 BENCH MARKING

Electrical SEC KWh/Ton of production

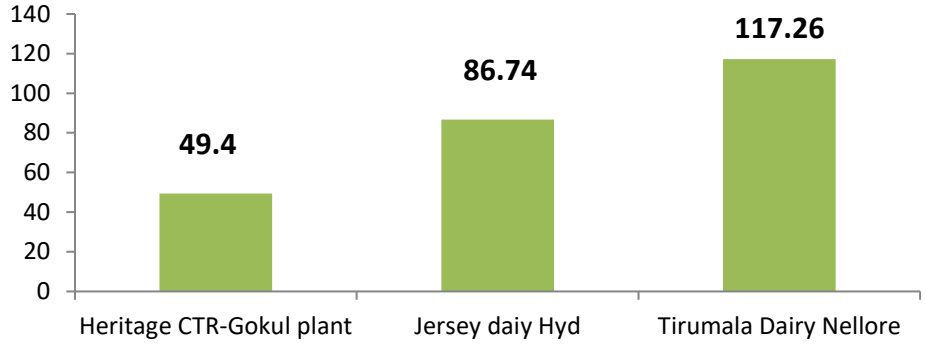


Million Kcal / ton of Production

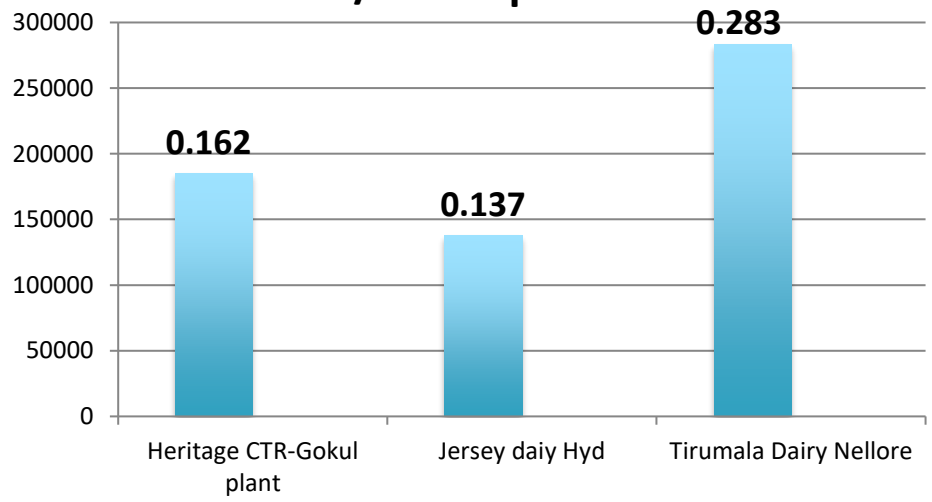


2021-22 BENCH MARKING

Electrial Sec Kwh/Ton of production



MKcal /Ton of production



Our target is 45 KWh/ton of production and 0.140 million Kcal per ton of production

Road map to achieve target for Energy efficiency bench marking

- Efficiency improvement of boiler through automation with VFD system
- Auto blow down system for 3/4Ton boiler's
- Excess bio gas utilization for 4 ton boiler
- Fully automated 6 ton steam boiler with Auto Wood chipper arrangement
- Measurement of insulation effectiveness and closing the GAP's
- Two Orifice Float Traps- TOFT for Pasteurizer's, Ghee Boiler, and Kova Pans
- Installation of Evapco condenser for Refrigeration to reduce the pumping load
- LP receiver and pumps for cold room for performance improvement
- Atlas copco Oil-sealed rotary screw vacuum pump with VSD technology
- Motorized expansion valve/ Thermostat expansion for cold rooms

PROJECTS IMPLEMENTED

PROJECTS IMPLEMENTED IN YEAR 2019-2020

NO	TITLE OF PROJECT	Electrical MKWH	Thermal M kcal	TOTAL ANNUAL SAVINGS (RS INRMILLION)	Payback
1	Installation of Bio-gas balloon and utilization of bio gas to 3 ton IFB boiler to improve the steam fuel ratio 3.78 to 4.29	0.00	1097085	1.85	0.18
2	Replacement of IE3 Grundfos pump in place of normal pump	2.02	0	0.01	3.54
3	Installation of Steam flow meter in process and boiler for measurement of steam	0.00	773997	0.77	0.35
4	Single cooling tower for both the Condensers 400 TR	51.84	0	0.36	0.41
5	Combining 2 conveyors in Sachet curd with chain and sprocket arrangement	6.42	0	0.04	0.11
6	Commissioning of Continuous SFM batch preparation against batch method	20.42	132109	0.27	
7	VFD systems for CBMM	2.55	0	0.02	0.28
8	PHE arranged for RCM cooling to reduce load on IBT	3.84	0	0.03	3.72
9	PHE for Panner cooling vat temperature maintenance	1.68	0	0.01	3.40
10	VFD arranged for Cooling tower fan for VAM in line with load	3.58	0	0.03	1.60
11	Operating Crate washers with full capacity which saves almost 2 hours of operation per day	7.08	0	0.05	0.81
12	VFD for kc6 180 HP refrigeration compressor	3.22	0	0.02	11.97
	Total	**102.6**	**2003191**	**3.46**	

PROJECTS IMPLEMENTED IN YEAR 2020-2021

No	Project Name	ELECTRICAL		THERMAL	Power savings (Lakhs)	Thermal Interms of (Lakhs)	Total in Lakhs
		Savings Kwh per day	Savings Kwh per annum	Savings(Wood) Tons			
1	Commissioning of IE5 pumps in place of normal pumps	130	47450		3.3		3.3
2	Installed 205TR MYCOM screw compressor	469	171185		12.2		12.2
3	Commissioning of 310TR Falling Film Chiller	545	198925		13.9		13.9
4	VSD operated 150CFM air compressor	50	18250		1.3		1.3
5	Implementation of Project Hamsa (Swan)	386	140890		7.3		7.3
6	Installation of High speed ,double head packing machine	5	1876		3.3		3.3
7	5KL chiller provision for paneer cooling		9921		0.7		0.2
8	Optimization of agitator units for process Silo's	45	16425		0.2		0.2
9	New 2 Stage-heater replacement for milk heating	27.2	0	13.3		0.45	0.7
10	ETP-Diffuser with piping's in place of Surface aerator	173	63145		4.4		4.4
	Total	**1830**	**668067**	**13.3**	**46.6**	**0.45**	**46.95**

PROJECTS IMPLEMENTED IN YEAR 2021-2022

NO	TITLE OF PROJECT	YEAR	Annual Electrical Saving	Annual Electrical Cost Saving (Rs million)	Wood in KG	Unit of Measurement	Annual Thermal Cost Saving (Rs million)	TOTAL ANNUAL SAVINGS (RS MILLION)	INVESTMENT INR MILLION)	Payback (Months)	COMMENTS
1	Condenser pumps-replacement with IE5 motor including VFD-10HP in place of 20hp coupled pump	2021-2022	40284	0.302		KG		0.302	0.500	19.86	We had installed IE5 Grundfoss chilled water pumps for power savings
2	Steam power pump for Flavored milk, Byproducts, Sachet curd section	2021-2022	6714	0.050	5980.1	KG	0.02	0.074	0.150	24.23	Installed 205 TR Ammonia screw compressor in place of Kc6 model old compressors for excellent performance through VFD which will work on Suction pressure
3	400tr Cooling Tower fan motor 10 HP automation with CT tub temperature 28 DEG to 30 Deg for Both IBT and Cold store Cooling tower's	2021-2022	13428	0.101		KG		0.101	0.015	1.79	This is high efficiency 7 to 1 deg chiller, when compared to PHE type, installed to get high efficiency heat transfer and high starting load
4	ETP-Diffuser's with blower's to improve the aeration 2 performance	2021-2022	26856	0.201		KG		0.201	0.05	2.98	VSD Operated air compressor replaced to avoid unloading power consumption
5	120 TR Tube in Tube outwit outer insulation unit installed for hot water generation in cup curd section, reduced flash steam generation	2021-2022		0.000	24000.0	KG	0.10	0.096	0.2	25.00	Operational control was done by separation of milk solid to reduce the load to main ETP and diverted the load to Solid digester
6	120TR Tube in Tube out installed for FM flash steam recovery for 4500 BPH retort machine(Venting steam recovered from sterilizer's)	2021-2022		0.000	21528.0	KG	0.09	0.086	0.2	27.87	High speed machine replaced in place of slow speed machine
7	FM section PP bottlesHydralic dock lifting operation control arrangement	2021-2022	6300	0.047		KG		0.047	0	0.00	Silo' agitator run hrs optimized to reduce the power consumption
8	5hp kirloskar pump installed inplace of 10hp CRI stage pump for bore well, as water level is high	2021-2022	10444	0.078		KG		0.078	0.025	3.83	Chiller replaced for milk heating purpose
9	Symphony air cooler arranged in place of AHU in FM	2021-2022	6266.4	0.047		KG		0.047	0.1	25.53	Diffuser's with blower replaced in place of surface aerator's
10	Installed 100m3 gas ballon in ETP for IC Reactor to measure the qty of bio gas and storage of excess Bio gas	2021-2022		0.000	23486.71	KG	0.09	0.094	0.15	19.16	Installed, 100 m3 Gas balloon in ETP to collect the Biogas
11	80 BPM Fill pack pp line commissioning,	2021-2022	4644	0.035		KG		0.035	6	2067.18	Installed 4.5 K PP sterilizer for increasing the production rate and power consumption also 0.264 Million manpower savings apart from power savings done
	Total		**114936**	**0.86**	**74995**		**0.300**	**1.162**	**7.39**		

PROJECTS PROPOSED TO IMPLEMENTE IN THE YEAR 2022-2023

NO	TITLE OF PROJECT	Annual Electrical Saving (Million kWh)	Annual Thermal Saving (Million Kcal)	INVESTMENT INR MILLION)	COMMENTS
1	Automatic SOPT (steam operated pumping traps) for Pasteurizers		240.8	1.00	We have 4 Milk pasteurizer's which are operating with normal ball float valve, and can be replaced with Automatic SOPT-Steam Operated Pumping traps can save the wastage of steam energy
2	Automatic cascading drive control panel for EVAPCO fans	0.009		1.00	We have -3 no's of 130 TR cooling towers, we can adopt for automatic cascading drive control panel for the Evaporator fans
3	Solar Bore well Pumping System Without battery storage working hrs considered 10 hrs in day time	0.068		1.40	UGR-12.5 HP - 2 no can be converted to Solar Bore well pumping without battery for 10 hrs consideration
4	Installation of Solar Street lights	0.01		0.50	Solar street light, can be installed to save the street light powers
5	Ammonia pumping system	0.12045		3.50	Ammonia pumping system, can be installed for the Cold rooms, with low pressure ammonia receiver system
6	6 ton Steam boiler		1444.8	20.00	Fully automated boiler with Wood logs chipper arrangement for the powder plant and process application usage
7	VFD for 3 Ton Boiler automation	0.003		1.00	ID fan VFD with O2 measurement can be done to save the power
8	VFD for 4 Ton ID fan for boiler automation	0.006		1.00	ID fan VFD with O2 measurement can be done to save the power
9	10HP IE5 Grandfoss Pumps for COLD room condensor pumps inplace of 20 HP kirloskar/160 m3 flow	0.0022		0.50	10 IE5 Grundfoss Pumps for COLD room condenser in place of 20 HP kirloskar/160 m3 flow
10	Do Controller in aeration tank,	0.00027		2.00	DO controller with Blower VFD
	Total	**0.21907**	**1685.6**	**31.90**	

INNOVATIVE PROJECTS IMPLEMENTE IN THE YEAR 2021-2022

Name of the Project	Brief description on why innovative	Trigger for implementing the project	Select Project category (A/B/C/D)	Replicability	Impact on SEC	Year of Implementation	Annual Savings (Rs. In lakhs)	Investment (Rs. In lakhs)
Butter auto cutting machine for melting butter	Is is innovative because Butter cutting machine was manufactured by yourself with our Energy Team members to cut the bulk butter in to slices to increase heating surface area for reducing the melting time, decrease the steam consumption and to improve the productivity	Continual improvement is the base for improving the Butter melting, initially, Butter bulk is being melted in the VAT and then Steam coil pre heater with Pump set up was done to speed up the productivity, and then manual cutter is being used to cut or slice the butter, But to automate the operation of the cutting/slicing, this Butter cutting machine is very useful safely.	C	We can replicate across our plant operation, where ever butter is being manufacture, we can do implementation tandemly.	146.2860	2022	0.9	1
Cream separation from the Panner whey	We are producing 2 tones of Panner and generatated whey is having 1% FAT content which is being sent to ETP. We have collected the whey and stored in the tank, and separated with our existing separator setup for collecting the 1% FAT from 16000 litre of whey and savings of 90 laksh. As we are separting the FAT instead of sending to USABR reactor our UASBR load reduced from 90000 ppm to 47000 ppm	Our Last year Project SWAN is the inspiration which is triggered us to separate the FAT % to minimize the load to ETP UASBR not to disturb the operation and switched OFF the 5 HP pump	C	We can replicate across our plant operation, where ever butter is being manufacture, we can do implementation tandemly.	0.03133	2022	0.2462	1
Optimization of IBT and Cold rooms for power reduction	Earlier we have been running our Refrigeration and Cold room compressor separately for our Milk process chilling and Cold room product chilling purpose. We have installed BPR valve in Vapour incoming lines of Cold room to develop common pressure in both IBT and Cold room lines to run one Screw ammonia compressor with VFD arrangement to mittigage the load pattern instead of running Kc6 and Screw compressor	Seasonal load factor's, and our variable market demonds , leads to optimize the power consumption at various loads to run with the one Scerew compressor commonly instead of multile compressor separately to reduce the power consumption	C	We can replicate across our plant operation, where ever butter is being manufacture, we can do implementation tandemly.	0.117	2022	8.775	2.5

INNOVATIVE PROJECT-01

Butter auto cutting machine for melting butter

BUTTER CUTTING FOR MELTING

GENERATION-01

GENERATION-02

GENERATION-03

Butter cutting machine was developed indigenously by our Energy Team members to cut the bulk butter in to slices to increase heating surface area

1.For reducing the melting time,

2.Decrease the steam consumption

3.Improve the productivity

Due to increased surface area of butter, our rate of production has increased to double the current production and the steam consumption was reduced drastically.

Parameter	Before	After
No of batch per day	2 Batches	2 Batches
Kg per batch	1250 Kg	1250 Kg
Steam consumption per batch-	600 kg@6 Hrs. per batch	300 kg@6 Hrs. per batch
Total steam consumption per day	1200 Kg	600 Kg
Total wood consumption per day	324 Kg	162 Kg
Total wood consumption per annum	97200 Kg	48600 Kg

Savings per annum-48600 Kg of wood

48.6 tons of Wood@Rs.4000-=1.94 Lakhs

One Electrical heater was stopped for heating the Butter to bring down the temperature while cutting the butter, now it was eliminated.

Room heater stopped for getting +10 Deg temp

Savings=0..37 Kw15 hrs.=5.5 units per days

Heater 8Kw*15 hrs=120 units per days

Total 125.5 Units saving per day@1.1 Laksh

Manpower savings

2 manpower savings- 440x2x300 Days operation.

Manpower saving per -2.64 lakhs annum

INNOVATIVE PROJECT-01 video on Butter Cutting Machine

INNOVATIVE PROJECT-02

Cream separation from the Paneer whey (To reduce the UASBR load ,power consumption)

Before -Process flow

Paneer pasteurizer

Paneer process

Flush out storage MS tank

UASBR

SLUDGE BED

After- Process flow

Paneer pasteurizer

Paneer process

Whey collection

Cream separator

Cream collection

Flush out storage

UASBR

SLUDGE BED

1. Before this project, paneer whey with 1% FAT was going to UASBR reactor and COD and 70000 PPM and FOG is 8700 ppm

2. After project, and separation of FAT in paneer whey COD and FOG is 40000 PPM and 3700 ppm

3. We have been using 5 HP and 2 HP pumps for the circulating of UASBR water for better mixing due to COD/FOG load. Now we are using only one 2 HP pump for the circulation of water. Equalizing tank agitator-3 HP timer was arranged

4. Power saving is 2149 units per month

5. By collection of FAT ,the cost saving is 94 Lakhs per annum for handling 1 ton of paneer.

6. Our Last year Project SWAN is the inspiration which is triggered us to separate the FAT % to minimize the load to ETP UASBR not to disturb the operation and to reduce the power consumption.

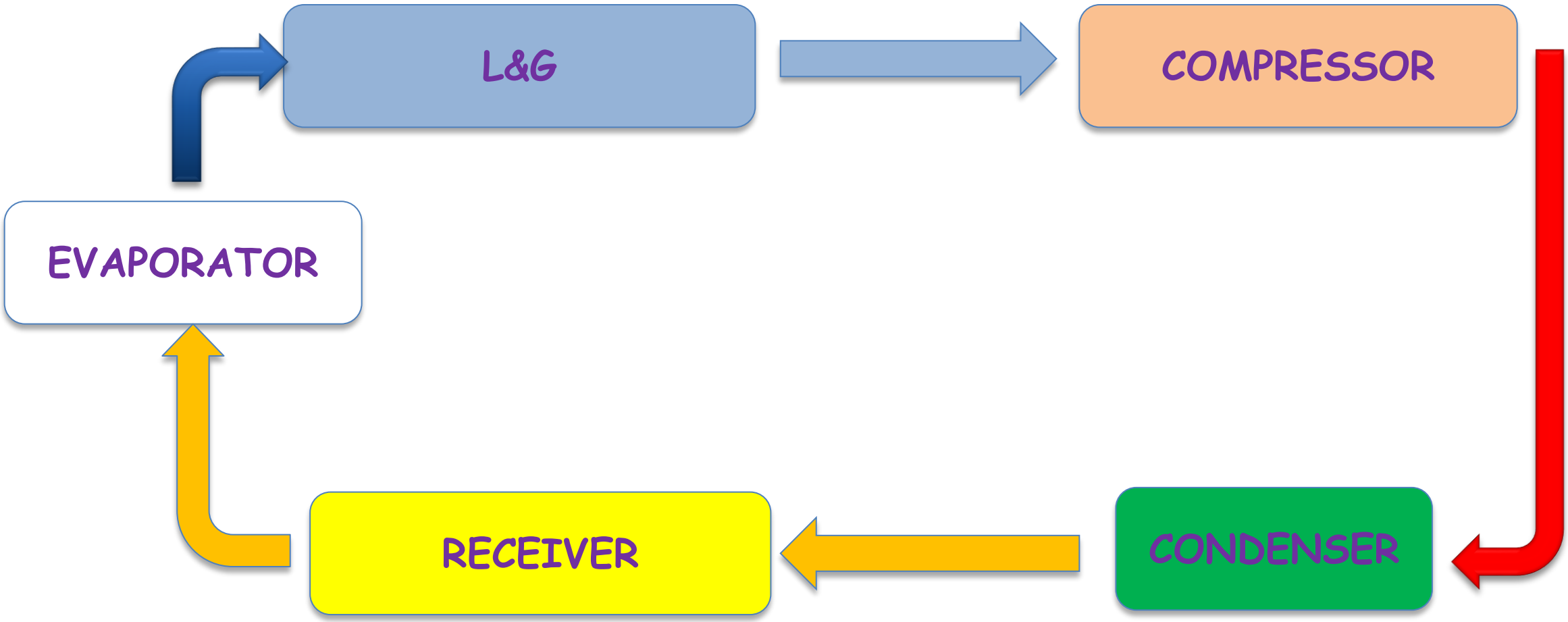
BEFORE condition

After condition

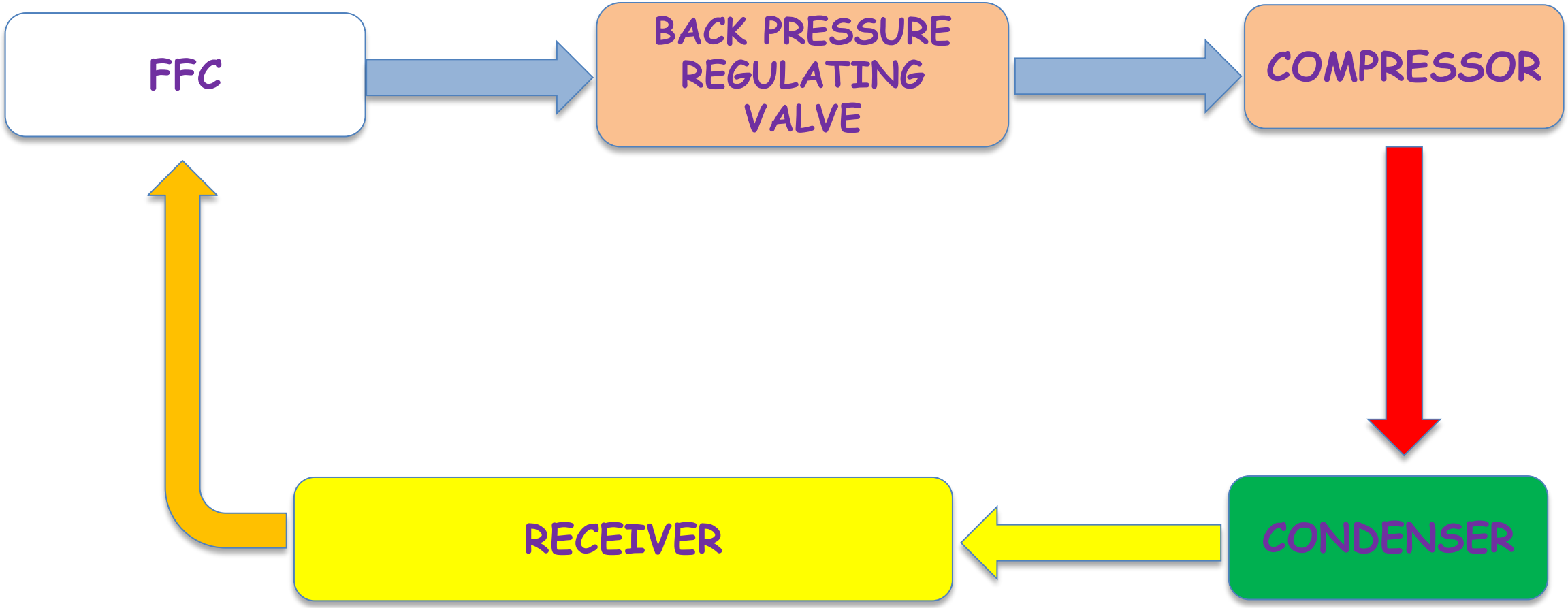
INNOVATIVE PROJECT-03

Optimization of IBT and Cold rooms for power reduction

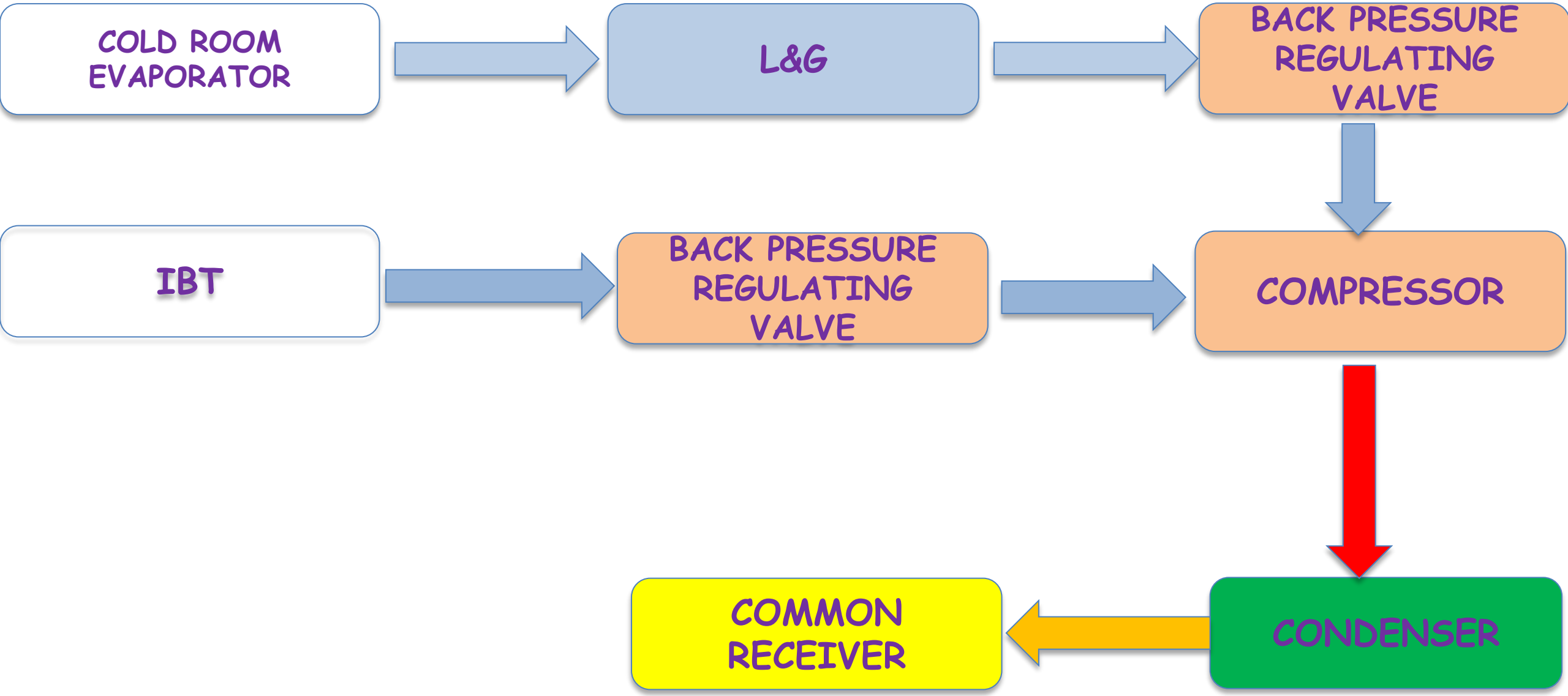
BEFORE REFRIGERATION PROCESS FLOW CHART FOR COLD ROOMS



BEFORE REFRIGERATION PROCESS FLOW CHART FOR IBT



AFTER COMBINE IBT&COLD ROOMS REFRIGERATION PROCESS FLOW CHART



BEFORE

MONTHS	SCREW COM (IBT KWH)	IBT COOLING TOWER	C.W. PUMP KWH	COLD STORE COMP KWH	COOLING TOWER KWH	TOTAL UNITS
Nov-21	2717	290	422	1703	257	5389
Dec-21	2536	268	418	1730	242	5194
TOTAL	5254	558	840	3432	499	10583
AVG	2627	279	420	1716	249	5292

AFTER

MONTHS	SCREW COM (IBT KWH)	IBT COOLING TOWER	C.W. PUMP KWH	COLD STORE COMP KWH	COOLING TOWER KWH	TOTAL UNITS
Jan-22	3686	369	349	0	0	4404
Feb-22	3974	437	367	0	0	4779
TOTAL	7660	806	717	0	0	9183
AVG	3830	403	358	0	0	4592
	Average power saving/day					700

Earlier,

We have been running our Refrigeration and Cold room compressor separately for our Milk process chilling and Cold room product chilling purpose.

We have installed BPR valve in Vapor incoming lines of Cold room to develop common pressure in both IBT and Cold room lines to run one Screw ammonia compressor with VFD arrangement to mitigate the load capacity pattern instead of running Kc6 and Screw compressor individually.

Power consumption before the this project-5292 for the year 21-22

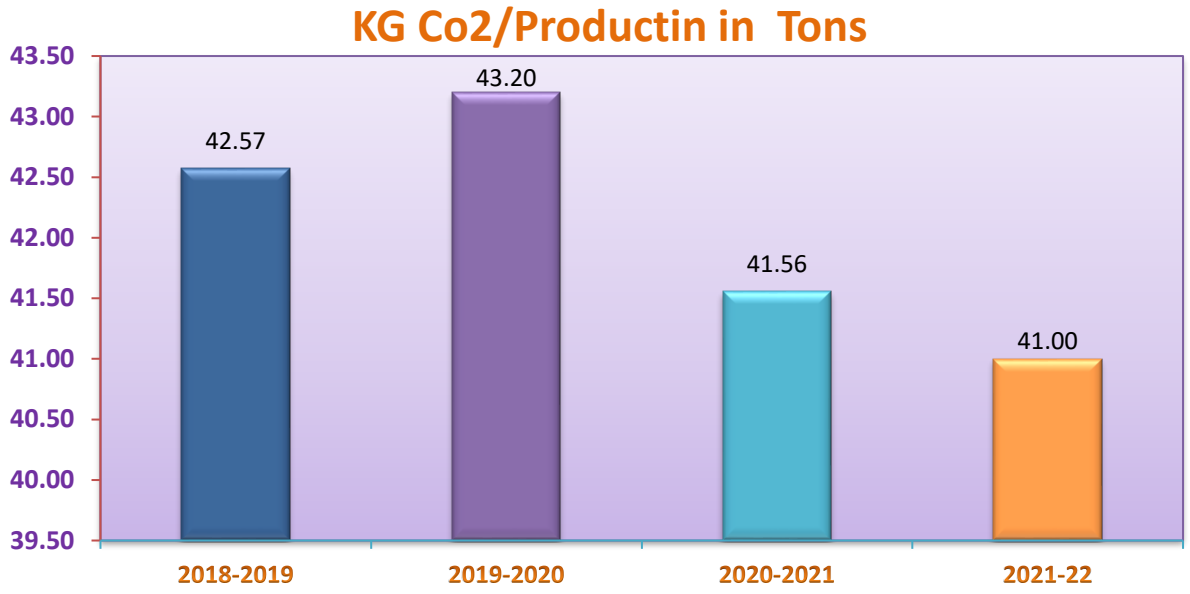
After this project power consumption is 4592. for two months Jan, Feb-22

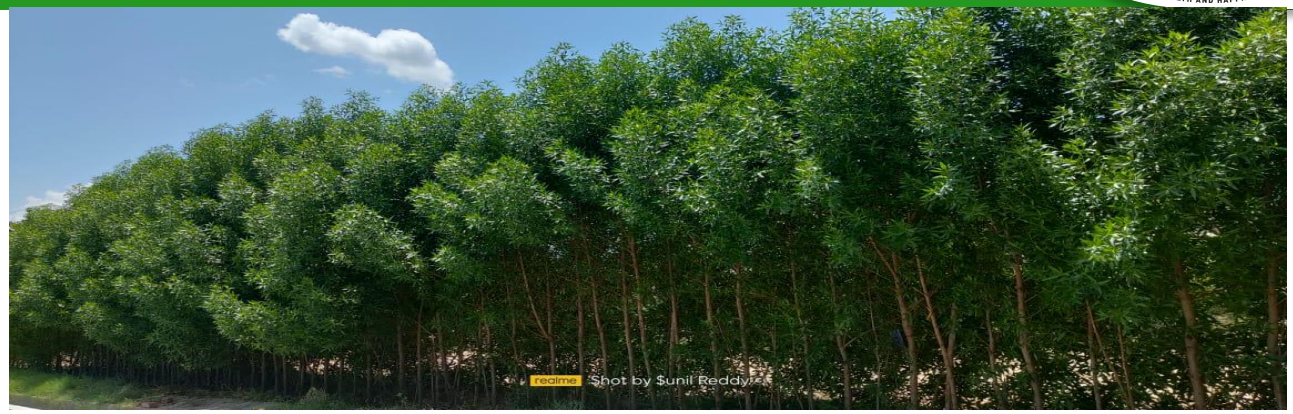
Difference is 700 Units saving per day

Total savings 42000 Units per annum for two months

Also, we can try to run combine again for 4 months next this year

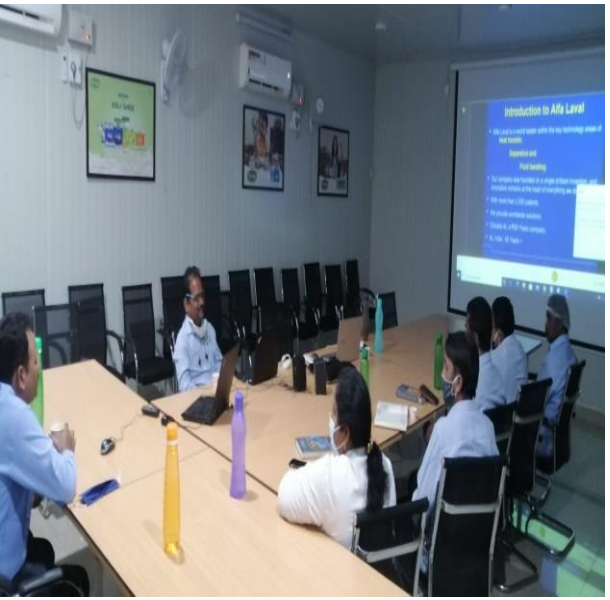
EMISSION DATA





Team work, Employee Involvement & Monitoring

INTERNAL TRAINING on Energy conservation,



EnMS TEAM Details

GOKUL EnMS team consists of 20 members

- ✓ Production dept's Heads -7 members
- ✓ Utilities dept's Heads - 5 members
- ✓ ENCON team - 5 members
- ✓ Plant Manager - 1 member
- ✓ QA In charge - 1 member
- ✓ Stores In charge - 1 member

20 Members team work extensively and focus in such a way to lay BENCH MARKS in all ENCON aspects in Dairy Industry.

Energy performance Indicator EnPI's

12 Energy Performance Indicators selected each from

- 7 Production Departments and
- 5 Utility Departments

Given extensive training on variables affecting the EnPI's in each department to give clarity on the GOAL.

This changes the attitude of total staff and the technology transferred to bottom line perfectly.

We went for Certification through BSI in 2015 and we are aiming 10% Energy Conservation every year.

ENERGY CONSERVATION AWARDS-from 2008-2022

ENERGY CONSERVATION AWARD 2008

ENERGY CONSERVATION AWARD 2010

ENERGY CONSERVATION AWARD 2012

ENERGY CONSERVATION AWARD 2014

1st Prize in National Energy Conservation Awards-2015

1st Prize in National Energy Conservation Awards-2016

2nd Prize in National Energy Conservation Awards-2017

1st Prize National Energy Conservation Awards-2020

CII NATIONAL EXCELLENCE IN ENERGY MANAGEMENT AWARDS FROM 2020

21st CII National Energy Award for Excellence in Energy Management-2020

22nd CII National Energy Awards for Excellence in Energy Management & Innovative project award for 2021

But it is very difficult to sustain the bench marks laid down in the food industry, as SOP's are changing day by day to make **FOOD SAFETY MANAGEMENT SYSTEM** further stringent by investing more energy on cleaning ,sanitation, thermization and to maintain cold rooms <3 Deg Celsius from 5 Deg and IBT<0.5 Celsius from 1 Deg.


Innovative Project Award
Heritage Foods Limited,
Chittoor
Project : Project "SWAN" On
ETP Operations
2021
CII
2021
CII
HERITAGE FOODS LTD

Thank you