



# Weekly Review

## Gobind Sugar Mill, Aira

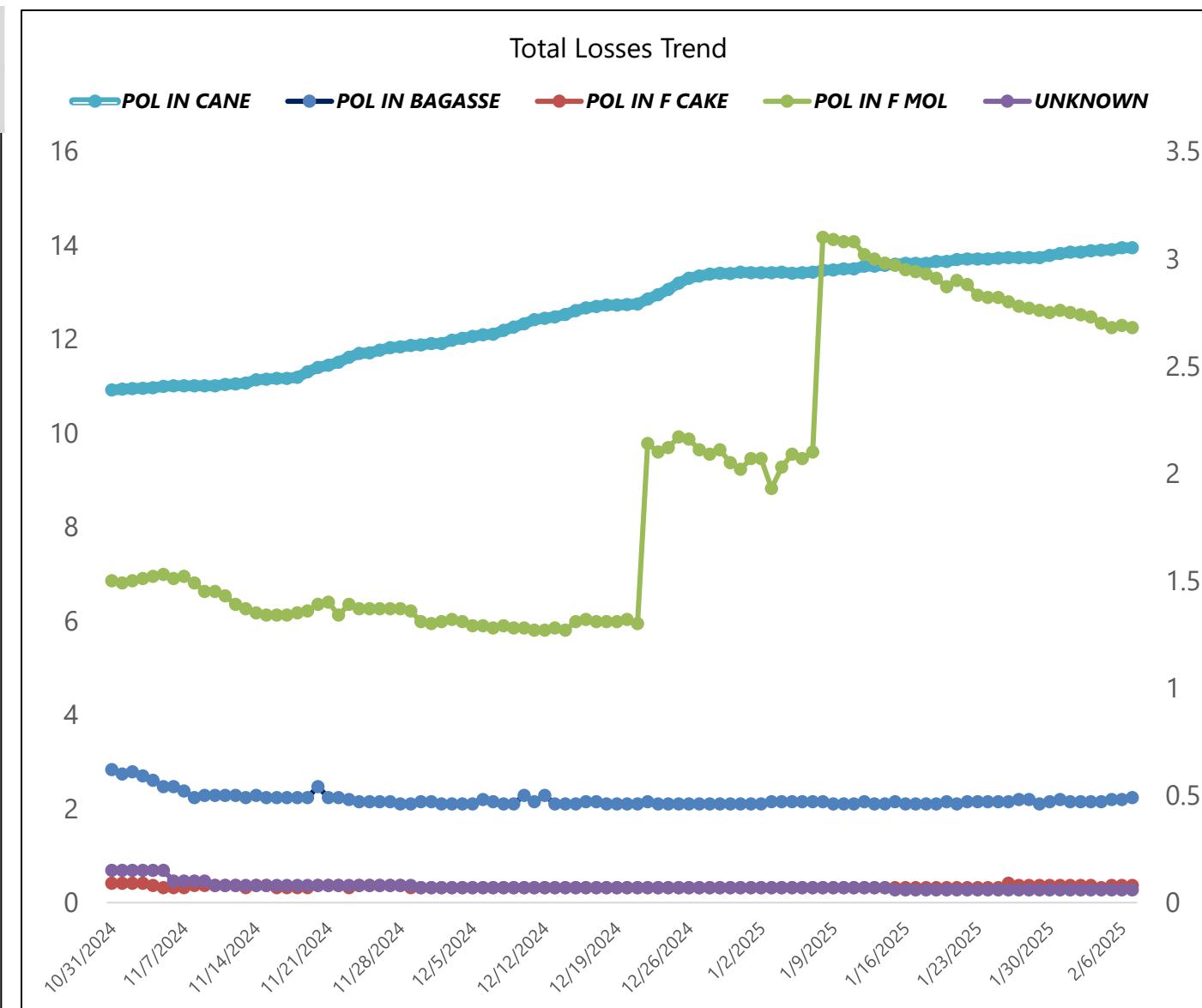
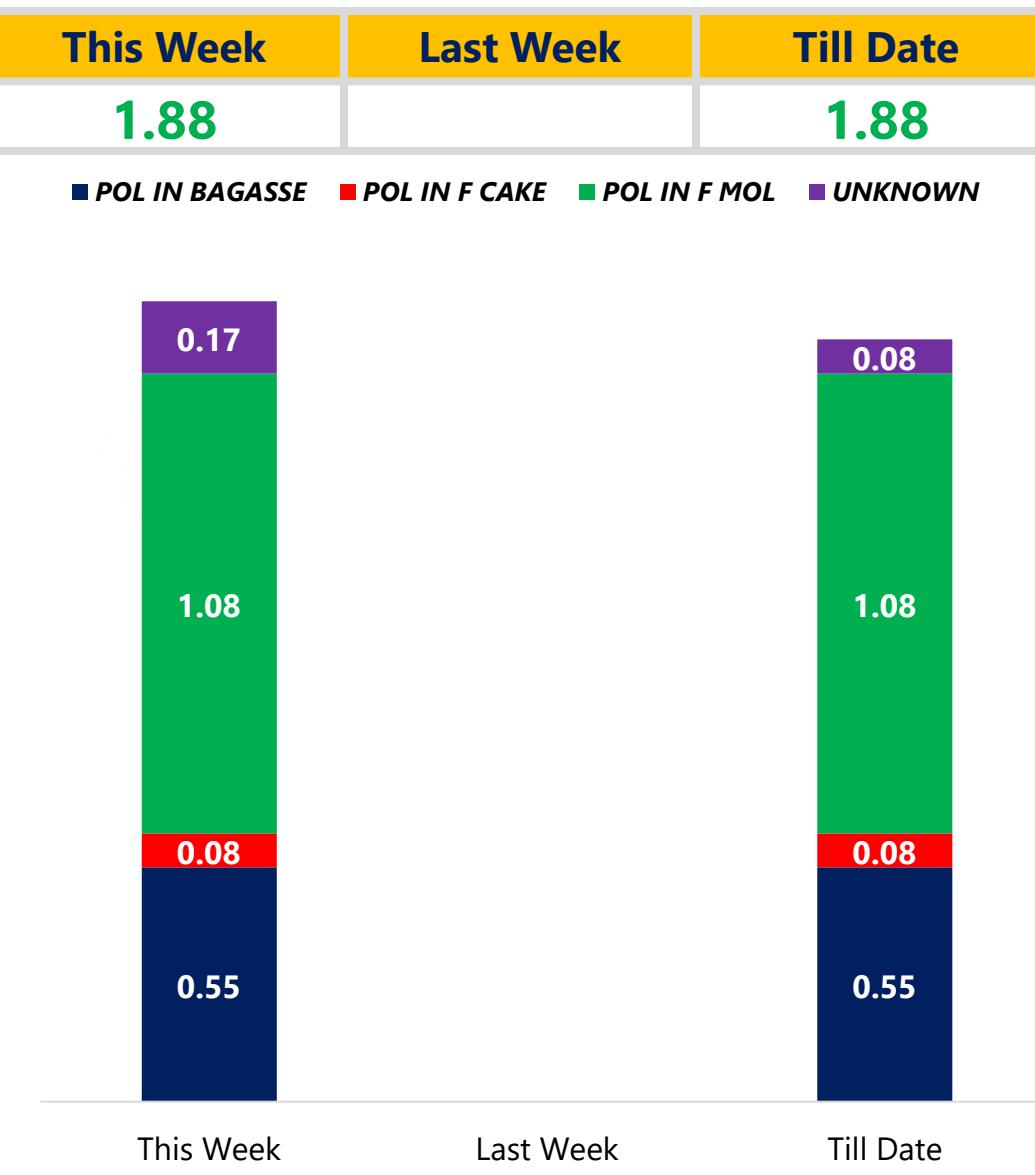
25th Oct. to 31th Oct. 2025



# SPE Weekly Snapshot

Production Parameters	Current Week	Last Week	Till Date	Capacity Utilization	Current Week	Last Week	Till Date
Total Sugarcane Crush (LQ)	<b>4.25</b>		<b>4.25</b>	Season Days	<b>6</b>		<b>6</b>
Sugar Recovery	<b>9.00%</b>		<b>9.00%</b>	Milling PUF	<b>70.90%</b>		<b>70.90%</b>
Cane for Syrup (LQ)	<b>0.87</b>		<b>0.87</b>	Sugar Bagging (Nos.) Actual/Capacity	59015 / 56580	64056 / 58862	326138 / 330405
Sugar Produced (LQ)	<b>0.12</b>		<b>0.12</b>	Power PUF	<b>77.59 %</b>		<b>77.59 %</b>
Ethanol Produced (LL)	<b>1.86</b>	<b>1.38</b>	<b>9.60</b>	Distillery PUF	<b>100.72%</b>	<b>76.82%</b>	<b>71.95%</b>
Power Generation (LU)	<b>44.69</b>		<b>44.69</b>	Total Pol Losses	<b>1.88%</b>		<b>1.88%</b>
Power Export (LU)	<b>29.80</b>		<b>29.80</b>	Bagasse Moisture	<b>50.52%</b>		<b>50.52%</b>
Cane Payment (Cr)	-		-				

# SPE Weekly Snapshot – Total Losses



# Production & Sales (Budget vs Actual)

## Production (F.Y. 2025-26)

Particulars	Current Month (Oct,25)		Last Month (Sep,25)		YTD Till Last Month (Up to Sep,25)	
	Budgeted	Actual-till 31st Oct, 25	Budgeted	Actual	Budgeted	Actual
Sugar (LQ)	0.33	0.12	-	-	-	-
Power (LU)	67.20	<b>55.38</b>	14.59	<b>20.75</b>	138.74	127.64
Ethanol (LL)	13.20	<b>9.60</b>	22.11	<b>27.75</b>	192.51	<b>187.03</b>
					Oct.25	<b>9.60</b>
					Et.Total Up to Oct.25	<b>196.63</b>

## Sales (F.Y.2025-26)

Particulars	Current Month (Sep ,25)		Last Month (Sep,25)		YTD Till Last Month (Up to Sep,25)	
	Budgeted	Actual till 31st Oct, 25	Budgeted	Actual	Budgeted	Actual
Sugar (LQ)	1.29	<b>1.22</b>	1.30	<b>1.24</b>	7.40	7.26
Power (LU)	43.61	<b>33.09</b>	0.66	<b>2.93</b>	12.96	18.99
Ethanol (LL)	13.20	<b>22.78</b>	22.11	<b>20.81</b>	192.51	174.62
					Oct.25	22.78
					Et.Sale Up to Oct.25	<b>197.40</b>

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# CANE

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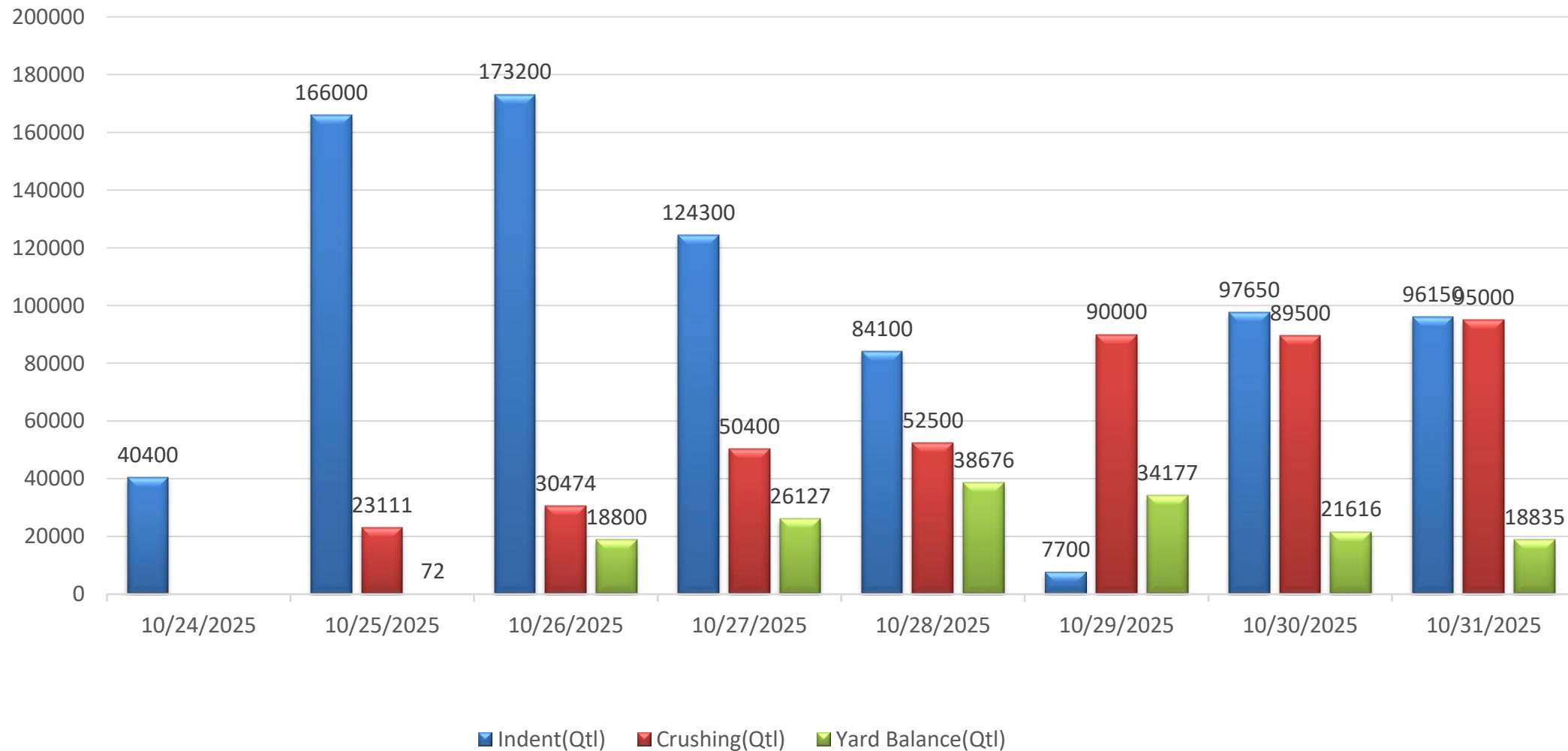
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# Weekly Performance Snapshot – Cane

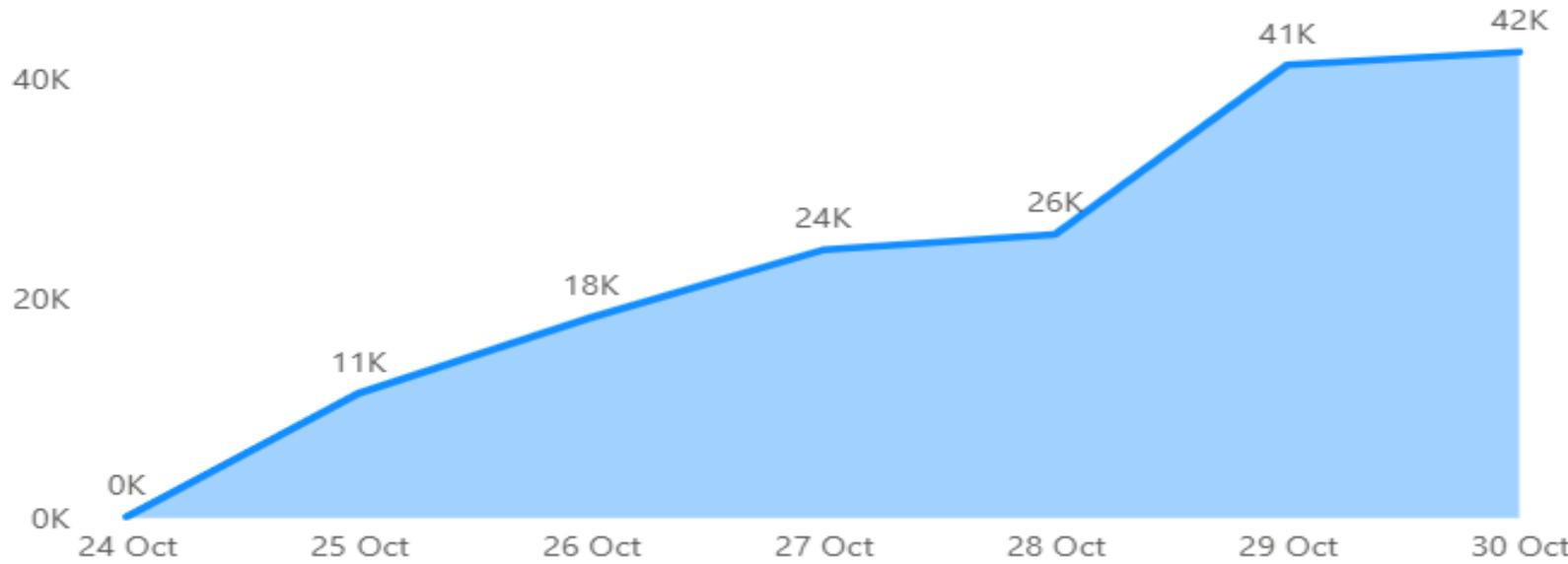
S. No.	Capacity Utilization	Target	Current Week	Last Week	Till Date
1	Daily Indent Rate Avg. (LQ)	As per requirement	1.56	NA	1.56
2	Daily Cane Purchased Rate (LQ)	1.00	0.43	NA	0.43
3	Gate Indent Maturity (%)	NA	50%	0	50%
4	Center Indent Maturity (%)	NA	65%	0	65%
5	Pol in Cane (%)	13.80	10.89	0	10.89
6	Middle Brix from Yard Sampling (%)	NA	16	0	16
7	Affected Cane % (from Yard Sampling)	NA	0	0	0
8	Avg. Center Cane Holding Time (Hrs.)	NA	16.68	0	16.68

# Indent, Yard Balance Vs Crushing (Lakh Qtls.) (31.10.25)



# Cane Purchase trend for the week (Period)

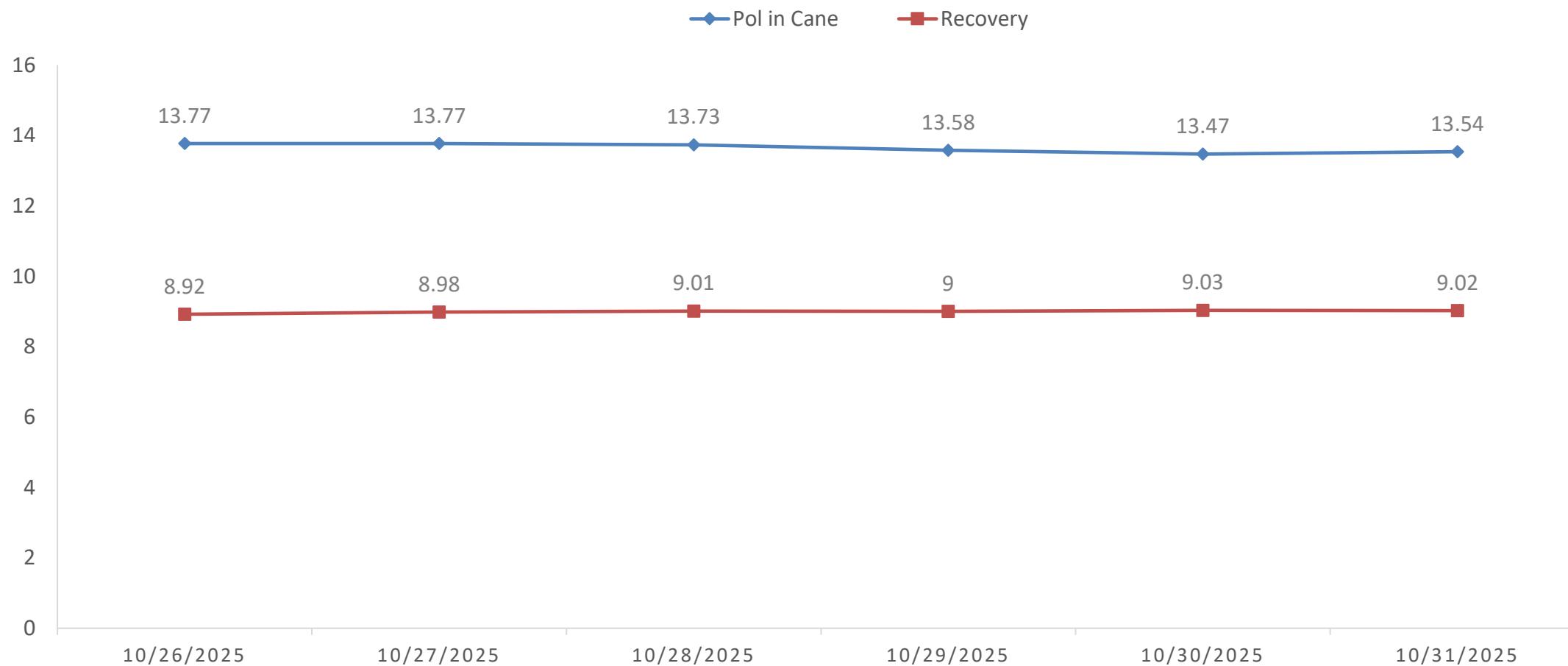
## Cane Purchase Trend - Gate



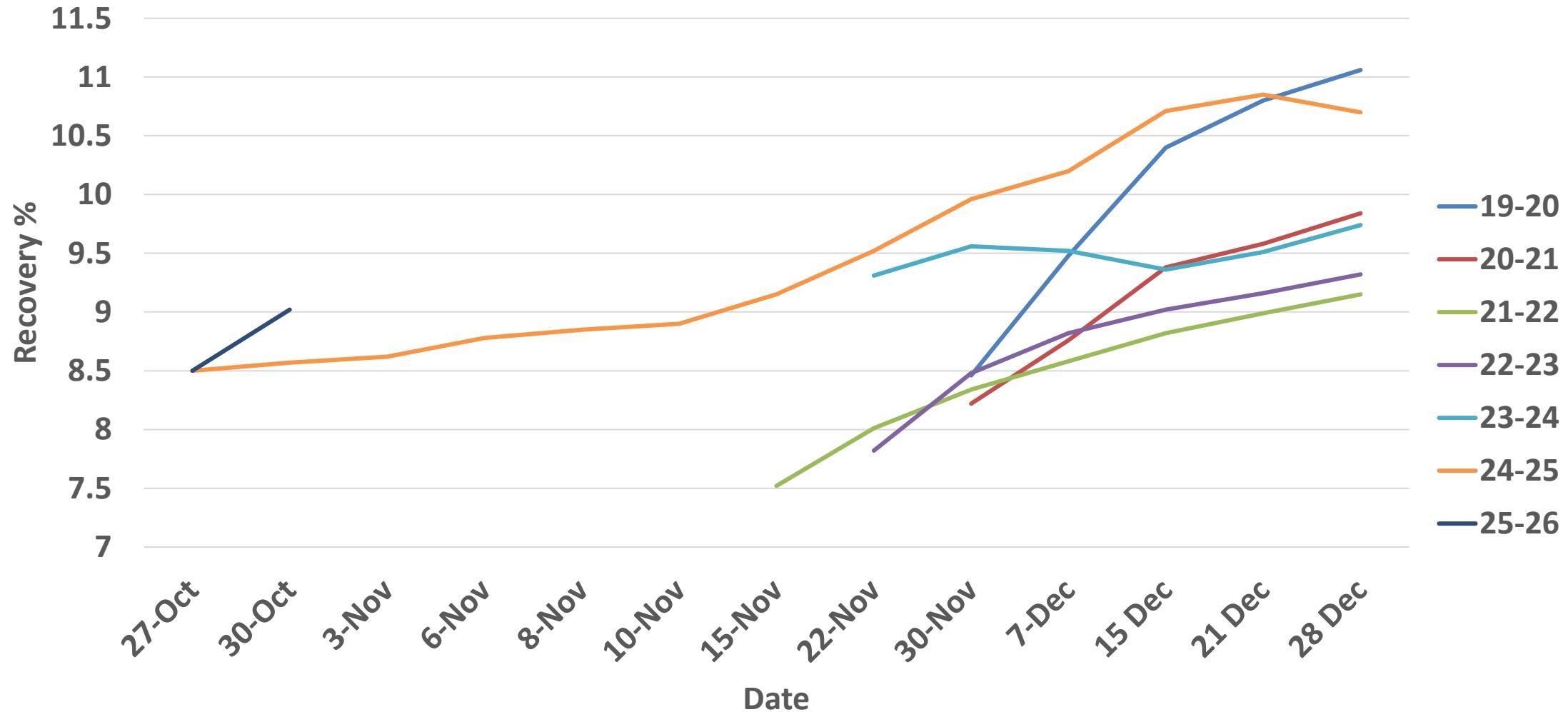
## Cane Purchase Trend - Centers



# PoL Vs Recovery % (Period)



# Historical Recovery Trend Vs Current (Last 5 years)



## Top 10 Centers

S.No.	CENTRE NAME	SOCIETY NAME	INDENT (QTL)	MATURITY %
1.	KATHOUTIYA	NANPARA	2817	67.3%
2.	MATHIYA PURWA	LAKHIMPUR	4986	60.5%
4.	SISAIA-II / SUJAIKUND	AIRA	5652	58.0%
5.	SAJANI	LAKHIMPUR	4815	52.5%
6.	AMETHI - I	AIRA	3366	54.0%
7.	KATKUSMA	LAKHIMPUR	4257	53.0%
8.	DANDOORI	BELRAYA	5335	59.0%
9.	CHAMHALPUR (ARNI)	LAKHIMPUR	486	65.1%
10.	BASANTAPUR / DHAURAHRA	AIRA	8172	62.9%

## Bottom 10 Centers

S.No.	CENTRE NAME	SOCIETY NAME	INDENT (QTL)	MATURITY %	Reason
1.	KHAJUHABAZR III	AIRA	2178	6.9	Flood affected
2.	GATE (MAHMOODABAD)	MAHMOODABAD	3528	8.1	Flood affected
3.	JUNGLE MATERA	AIRA	810	8.1	Bad road
4.	NAYANPUR - III	AIRA	4068	8.8	Flood affected
5.	MILIK / KHAJUHABAZR	AIRA	1681	9	Flood affected
6.	KIRATIPURVA - IV	AIRA	1359	9.3	Late operated
7.	MISHIRGAON	AIRA	2268	9.3	Labour problem
8.	DHARAMPUR SEMRI	NANAPARA	1431	9.4	Transport problem
9.	DURGAPUR PADARI	AIRA	2619	9.9	Labour problem
10.	KATUALI	AIRA	2322	10.2	Transport

# Average Vehicle Holding time at Purchase Center



## Top 10 Centers

S. No.	CENTRE NAME	SOCIETY	Time (Hrs)	Vehicles	Loading Method
1.	RAM NAGAR BAGAHA	AIRA	0.98	95	LOADER
2.	PACHGHARA	AIRA	1.09	80	LOADER
3.	MAGHAUDIYA IV ARGOR	NANAPOARA	1.32	39	LOADER
4.	BEHNANPURWA	AIRA	1.33	44	LOADER
5.	AMRITPUR	BELRAYA	1.37	64	LOADER
6.	SAHJANI	LAKHIMPUR	1.39	124	LOADER
7.	BELWA PASURA	HARGAON	1.43	70	LABOUR
8.	SUJAJ KUNDA	AIRA	1.43	55	LOADER
9.	MAJHRAPURAB	BELRAYA	1.45	83	LOADER
10.	SIKATHIYA CHAPKAHA	AIRA	1.46	53	LOADER

# Average Vehicle Holding time at Purchase Center



## Bottom 10 Centers

S. No.	CENTRE NAME	SOCIETY	Time (Hrs)	Vehicles	Loading Method	Reason
1.	AMETHI IV	AIRA	8.73	63	LOADER	Uljhai Dispute
2.	SEM RABAZAR	BELRAYAN	6.74	20	LOADER	Due to less truck
3.	SHEKHPUR	AIRA	6.71	27	LOADER	Due to less truck
4.	BELWA PURWA	BELRAYAN	6.22	64	LOADER	Rainfall and Muddy Road
5.	NAKHA III	ARNI KHANA	5.91	121	LOADER	Due to less truck
6.	AANVA(ARNI)	ARNI KHANA	5.65	13	LOADER	Due to less truck
7.	TIKOUNA	ARNI KHANA	6.02	47	LOADER	Due to less truck
8.	AKATHI	AIRA	5.56	59	LOADER	Uljhai Dispute
9.	PADARI	LAKHIMPUR	5.44	49	LOADER	Due to less truck
10.	RATANGANJ I	MAHMOODAB AD	4.59	36	LABOUR	Due to less truck

# Average Truck Holding Time at Purchase Centers



## Top 10 Centers

S. No.	CENTRE NAME	SOCIETY	Holding Time (Hrs)	Trips	Loading Method
1.	MURI	AIRA	1.46	5	LABOUR
2.	BHAUVAPUR KALAN	AIRA	1.51	12	LOADER
3.	NAINAPUR III	AIRA	1.55	2	LOADER
4.	MANGAUDHIYA IV ARGOR	NANPARA	1.65	7	LOADER
5.	BIRSINGHPUR	AIRA	1.70	13	LOADER
6.	KABIRAHА	AIRA	1.79	6	LOADER
7.	HARDI	AIRAAIRA	1.80	8	LOADER
8.	RAIPUR BELTUA/ISHANAG	AIRA	1.81	6	LABOUR
9.	KESHAVPUR KALAN	AIRA	1.82	11	LOADER
10.	AMETHI IV	AIRA	1.84	9	LOADER

# Average Truck Holding Time at Purchase Centers

## Bottom 10 Centers

S. No.	CENTRE NAME	SOCIETY	Holding Time (Hrs)	Trips	Loading Method	Reason
1.	KALUWAPUR	AIRA	9.24	8	LOADER	Gearbox Problem with 2 Trucks
2.	JHALAN II	NANPARA	8.31	10	LOADER	Uljhai Issue, 1 issue with truck
3.	GOORH II	NANPARA	8.22	12	LOADER	Truck Issue
4.	CHAKHLAKPUR I	AIRA	5.27	10	LABOUR	Truck Issue
5.	SAHJANI	LAKHIMPUR	7.39	15	LOADER	Truck Issue
6.	BELWA PASURA	HARGAON	6.39	7	LABOUR	Truck Issue
7.	ADHAMALPUR	HARGAON	6.67	7	LABOUR	Truck Issue
8.	GHODSARIYA	ARNI KHANA	5.98	7	LOADER	Truck Issue
9.	RATANGANJ III	MAHMOODABAD	5.68	2	LABOUR	Truck Issue
10.	NAKAHA	LAKHIMPUR	5.68	14	LOADER	Truck Issue

# Society Wise Indent And Supply (Period)

S. No.	Society	Quota (Qtls.)	Indent (Qtls.)	Supply (Qtls.)	%
1	Aira	11043099	545250	267581	49%
2	Arnikhana	817575	42500	27457	65%
3	Hargaon	1116670	52100	32967	63%
4	Lakhimpur	1178775	41600	32205	77%
5	Nanpara	1580402	52200	32642	63%
6	Belrayan	894065	47100	29704	63%
7	Mahmoodabad	240315	9050	3571	39%
<b>Total</b>		<b>16870901</b>	<b>789800</b>	<b>426127</b>	

# Purchy Failure Reason and Action Taken

S.No.	Particular	Number	Action taken
1.	Centre	14802	Contacted Farmers with Purchy Failure
2.	Gate	7536	Contacted Farmers with Purchy Failure

# CANE LOADER PERFORMANCE

S. No.	Name of Center	Owner/Transporter Name	Total Non-Working (hrs-min)	Reason for Not Working	Action Taken
1.	Nakaha	Rachspal Singh	0.2	Spindle nut bolt broken	Repaired
2.	Dandoori	Islam	3	Spindle nut bolt broken	Repaired
3.	Mangaudhiya I	Premkant Verma	48	Clutch plate damage	Clutch Plate replaced
4.	Beersinghpur	Devraj Awasthi	4	Spindle broken	Repaired

# TRANSPORTER'S PERFORMANCE

S. No.	Name of Transporter	Issue Reported	Reason	Action Taken
1.	JTC	Truck unavailability	Due to road tax	All required trucks shall be made available by 2 <sup>nd</sup> Nov

# Call Center Update

- Implemented call centre in cane office premises
- Banners at all 107 centres displayed

S. No	Issue	Centre	Action taken	Status
1.	Cane Unloading	Dhorara II	Same day resolution	Solved



Particulars	Total (No's)	Rate/ Qtl. (Rs.)	Running (No's)		Crushing (Qtls.)		Recovery (%)
			This week	To Date (01.11.25)	This week	To Date (01.11.25)	
Kolhu	192	290-310	167	187	65450	86625	9.50%
Crushers	14	NA	0	0	0	0	NA

# Comparative Payment Figures of Neighboring Mills (As on 01.01.2025)



Name of Factory	Date of Start	Payment Up to	Remarks
Aira	26.10.2024	Nil	
Ajbapur	31.10.2024	Nil	
Kumbhi	31.10.2024	Nil	
Gularia	01.11.2024	Nil	
Belrayan	26.11.2024	Nil	Tentative
Gola	09.11.2024	Nil	Tentative
Pallia	21.11.2024	Nil	Tentative
Khambharkhera	08.11.2024	Nil	Tentative

# ENGINEERING

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# Weekly Performance Snapshot - Engineering

S.No.	Capacity Utilization	Target 2025-26	Current Week	Last Week	Till Date
1	Cane Crushed (LQ) (192 Days)	179.00	4.254	-	4.254
2	Hours Utilized (%)	99.17	98.68	-	98.68
3	Downtime (Hrs.)	72.00	1.54	-	1.54
4	Planned Stoppage (Hrs.)	48.00	0.0	-	0
5	Forced Shutdown (Hrs.)	24.00	1.30	-	1.54
6	Capacity Utilization in Uptime @ 1 LQ / Day Base (%)	94.71	71.85	-	71.85
7	Capacity Utilization incl. Stoppage (%)	93.22	70.90	-	70.90
	<b>Quality</b>				
1	Pol % Bagasse	1.65 - 1.70	1.96	-	1.96
2	Moisture % Bagasse	49 - 49.5	50.52	-	50.52
	<b>Consumption</b>				
1	Steam Consumption (KG/QtL Cane)	5.0-6.0	4.90	-	4.90
2	Power Consumption (KW/T Cane)	31.5 - 32	32.61	-	32.61
3	Lubricant Consumption (Kg/100 QtL Cane)	0.04	0.108	-	0.108

# Plant Performance in Season 25-26

Sr No	Particulars	Unit	Season 25-26	
			Target	Achieved (Till Date )
1	Total Cane Crushed	Qtls	17900000	425400
2	Date of Start	Date	20/10/2025	26/10/2025
3	Date of Finish	Date	23/04/2026	-
4	Gross Season Days	Nos	192	6
5	Crushing rate Including Stoppage	Qtls	93229	70,900
6	Crushing rate Excluding stoppage	Qtls	94709	71848
7	Capacity Utilization	%	94.71	71.85
8	Total Stoppage Hours	Hrs.	72.00	1.54
9	Planned Shutdown	Hrs.	48.00	0.0
10	Forced Shutdown	Hrs.	24:00	1.30
11	Preparatory index	%	90.0-91.0	-
12	Primary Extraction	%	70.5-71.0	-
13	Mill Extraction ( ME)	%	96 - 96.5	94.94
14	Reduced mill Extraction (RME)	%	96.4 - 96.80	95.16
15	Bagasse % Cane	%	29.00	28.22
16	Pol % Bagasse	%	1.65-1.70	1.96
17	Moisture % Bagasse	%	49.0 - 49.5	50.52
18	Imbibition % Cane	%	40 Max	33.17
19	Imbibition % Fibre	%	290 - 295	255.15
20	Dry Milling Factor	%	71.25	71.39
21	Grease & Lubricants Kg/100 Qtls Cane	%	0.04	0.108
22	Power Consumption ( KW/T Cane)	%	31.5 - 32	32.61
23	Steam Consumption(Kg/Q of Cane)	%	5.0-6.0	4.90

# General Observations



## Physical / General Plant observations of the week

The plant Pujan on dated 24.05.25, Cane crushing Operation Started @ 5000 TCD on 25.10.25 at 7 PM with refinery house , DS house started 29.10.2025 at 10.54 AM. And the overall plant operations have been successfully established. All operational parameters are functioning within the specified limits for the week.

Particulars	Weekly		Till Date	
	SN. 25-26	SN. 24-25	SN. 25-26	SN. 24-25
Hours Worked	142.06	119.30	142.06	119.30
Hours Available	144.00	120.00	144.00	120.00
Hours Utilized (%)	98.68	99.58	98.68	99.58

## Key Operational Parameter- Current Season Vs Last Season

Particulars	Weekly		To date	
	SN 25-26	SN 24-25	SN 25-26	SN 24-25
Cane Crushed (In Qtls.)	<b>425400</b>	<b>238700</b>	<b>425400</b>	<b>238700</b>
Rate of Crush	<b>70,900</b>	<b>47740</b>	<b>70,900</b>	<b>47740</b>
Pol % Bagasse	<b>1.96</b>	<b>2.14</b>	<b>1.96</b>	<b>2.14</b>
Loss in Bagasse % Cane	<b>0.55</b>	<b>0.66</b>	<b>0.55</b>	<b>0.66</b>
Moisture % Bagasse	<b>50.52</b>	<b>52.37</b>	<b>50.52</b>	<b>52.37</b>
Total Power Sugar kw/ Ton of cane	<b>32.61</b>	<b>39.18</b>	<b>32.61</b>	<b>39.18</b>
Total Power MWH		<b>5.41</b>		<b>5.41</b>
Lubricant Consumption.	<b>0.108</b>	<b>0.67</b>	<b>0.108</b>	<b>0.67</b>

# Stoppages, Actions & RCA for the Week

Date	Stoppages	Total Hrs.	Action	Root Cause Analysis	Repeated
29/10/2025	IRC No-1 Tripped due to High Load	0:01	Reset & Started.		
29/10/2025	Mill Turbine No-1 Tripped due to Hunting,	0:06	Throttle valve opening adjusted & Started		
30/10/2025	IRC No-2 Bagasse wrapped in trough.	0:20	Bagasse Cleaned & Restated.	Loading fluctuation due to Rain.	
30/10/2025	Bagasse jamming in IRC No-1	0:43	Bagasse Cleaned & Restated.	Loading fluctuation due to Rain.	
30/10/2025	Cane jamming at cane levelling pipe due to over cane feeding	0:24	Jamm Removed & Restarted.	Due to Cross cane feeding & Rain.	
31/10/2025	3.0 MW turbine trip due to AVR malfunctioning of 3 MW New TG	0:20	Checked & Restarted		
	<b>Total</b>	<b>1:54</b>			

# Cane jamming at cane levelling pipe due to over cane feeding

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# Milling Data

Crop Day	Date	Cane Crush in Qlts		Imbibition % Fiber		Maceration % Cane		Bag Pol		Bag Moisture		Power kw / T Cane		Lub Cons % Today	Stoppage		Stoppage Details
		On date	To date	On date	To date	On date	To date	On date	To date	On date	To date	On date	To date		On date	To date	
	Target	94709	17900000	290-295	40% Max	1.65-1.70	49.00-49.5	31.50-32.00	0.04	72-0							
1	26/10/2025	48000	48000	295.08	295.08	35	35	2.05	2.05	53.17	53.17	44.79	44.79	0.17	0		
2	27/10/2025	504000	98400	244.40	267.99	31.75	33.33	2.02	2.03	52.33	52.75	39.09	44.87	0.08	0		
3	28/10/2025	52500	150900	247.56	260.51	33.09	33.25	2.03	2.03	51.50	52.33	36.08	39.85	0.07	0		
4	29/10/2025	90000	240900	243.62	254.07	32.44	32.95	2.02	2.03	51.08	51.08	27.35	35.18	0.040	0:07	IRC No-1 Tripped due to High Load & Mill Turbine No-1 Tripped due to Hunting, Throttle valve opening tuned	
5	30/10/2025	89500	330400	253.90	254.01	34.27	33.31	1.88	1.99	50.33	50.68	29.08	33.52	0.160	1:27	IRC No-2 Bagasse wrapped in trough, Bagasse jamming in IRC No-1 & Cane jamming at cane levelling pipe due to over cane feeding	
6	31/10/2025	95000	425400	259.37	255.15	32.72	33.17	1.86	1.96	50.25	50.52	29.17	32.61	0.13	0:20	3.0MW turbine trip due to AVR malfunctioning of 3MW New TG	

# Vibration & Motor Power Data for Shredder Rotor

Crop Day	Date	Crush		Shredder Vibration & Bearing Temp ( LHS ) -1					Shredder Vibration & Bearing Temp ( RHS ) -2				
		On date	To date	Motor LHS Power	Brg Temp (Avg)	V (Avg)	H (Avg)	A (Avg)	Motor RHS Power	Brg Temp (Avg)	V (Avg)	H (Avg)	A (Avg)
1	26/10/2025	48000	48000	29.11	51.05	0.74	0.75	1.39	27.70	52.16	0.64	0.52	1.31
2	27/10/2025	50400	98400	43.10	57.56	1.18	0.88	2.32	40.75	54.24	1.06	0.59	2.40
3	28/10/2025	52500	150900	46.50	56.17	1.13	0.85	2.02	43.28	57.03	0.89	0.61	2.21
4	29/10/2025	90000	240900	68.74	57.43	1.39	0.97	2.91	65.61	60.44	1.32	0.75	2.91
5	30/10/2025	89500	330400	70.97	58.72	1.53	1.14	3.95	68.56	59.81	1.28	0.84	3.22
6	31/10/2025	95000	425400	77.95	59.54	1.55	1.16	4.46	74.96	60.31	1.13	0.79	3.16

## MILL-Capex Status 25-26

S.NO	Project Name	Objective of Project	Budget	PO				Status	Remarks
A	Mills			No	Date	Vendor	Delivery Date	Date	
1	Mill Roller	New Mill Roller Shaft for 42" x 84" size Mill Complete with shell.	32.90	25001 / 250745,2553 50/25.07.25	07.04.2025	M/s Jassal Engrs Ludhiana	20.07.2025 / 20.08.2025	Drawing sent for machining Work	Spare Roller (expected by end of Nov 25)
2	Cane Unloaders	Conversion of Mechanical Hoist to Hydraulic motion of Cane Unloader 1st & 6th.	24.25	<b>Deferred for This Year</b>					
3	Rotary Screen	Refurbishment of Rotary Screen No 2	23.50	250427	05.06.2025	SUVIRON EQUIPMENT	31.07.2025	Received on 29.08.2025	Installed & In Operation.

## Boiling House-Capex Status 25-26

S.NO	Project Name	Objective of Project	Budget			PO			Status	Remarks
B	Boiling House									
1	36 ft Clarifier	Worn out shell replacement	21.25	Materail PO- 250597 Service PO No- 255205	23.06.2025 28.06.2025	Prakash Enterprises Kanur Cont No- 9935558380 Rajat Engineering Contact No-	30.05.2025	Completed	Delayed in completion due to MS plate received on 23.07.2025	
2	B Vertical Crystallizer drive in D.S. House	Existing Damage Drive Replacement	13.30	250868	22.07.2025	Kavistu Transmission Ltd.	30.08.2025	Drive Received on <b>101.10 &amp;</b> <b>fitted at one</b> <b>shell</b>		
3	C Vertical Crystallizer D.S. House	Worn-out Coil Replacement	16.15	Serive Order No- 255206 Bend PO- 250800	28.06.2025 / 16/07/202 5	Sri Ram Contractor 9793567027	05.06.2025	Coil replaced.	Delayed due to Delay receipt of MS Bend	

## Boiling House-Capex Status 25-26

S.NO	Project Name	Objective of Project	Budget	PO			Status	Remarks
				No	Date	Vendor	Delivery Date	Date
4	4 Deck type Sugar grader with two no's 6 deck type I.C. Grader in D.S .house	Aged Grader Replacement	37.75	<b>Hold due to Long Delivery</b>				
5	Spiral chute of JT-2 into roller chute	facing sugar bags torn off problem due to friction, and during cold days to much moister deposit on spiral chute and giving problem to sliding of sugar bags	15.20	<b>Hold as Hot blower provision is being done</b>				
6	Pan no-7 &11 both discharge valve	Installation of pneumatic valve	6.25	250737	09.07.2025	Puri Industries	15.08.2025	Installed

## Boiling House-Capex Status 25-26

S.NO	Project Name	Objective of Project	Budget	PO				Status	Remarks
				No	Date	Vendor	Delivery Date	Date	
8	C Vertical Crystallizer coil in Raw and refinery House	Worn-out coil Replacement	29.00	Material PO - 250343 Service Order - 255256	22.05.2025 28.06.2028	Medha Industrial Corporation THARAYIL Egg.	15.06.2025 30.07.2025	Replaced	875 Received on 19.09.25
9	R-1 and R-2 Molasses pump delivery pipeline	Worn out Pipeline replacement	16.15	250761 / 250555/250554 / 250654	11.07.25/20.06.25 /20.06.25	Shah Exp/Mars/ Darbari Lal /Steel Sales	20.08.25/10.07.25/20.07.25	Work Completed.	Pipeline received on 05.09.2025, Completed
10	A-1 Masscuite Pump with Zero leak PSP Pump	Both pump casing is worn-out	6.60	250666	02.07.2025	PSP Pump	20.08.2025	New Pumps fitted	Received on 18.09 . One fitted, 2 <sup>nd</sup> U/P
11	Slate type sugar bag stacker with Belt Type stacker	Sugar bags get stuck between slates, causing this the bags torn off.	5.25	PO Done					Material awaited

## Electrical -Capex Status 25-26

S.NO	Project Name	Objective of Project	Budget	PO				Status	Remarks
C	Electricals			No	Date	Vendor	Delivery Date	Date	
2	New 3.0 MW TG	Old Existing Generator protection relay to be replaced with new micom P343 relay	4.43	3 MW Load sharing- Yes				Received	Installation done, commissioning done. & Running Position
3	New 3.0 MW TG	New 3.0 MW Incomer panel complete with (4000 ampx2) ACB Make- L&T to be replaced with new panel including retrofitting in existing PCC	18.90	3 MW Load sharing- Yes				Received	
4	Power House PCC	Two No existing outgoing breaker -1250 amp & 1000 amp need to be replaced & retrofitting with 1600-amp new breaker for 70 Ton boiler in Powerhouse PCC	6.10	250778	12/07/2025	Rhythm Automation	27/07/2025	Received	Work Done & running Position
6	Cane Unloader No-1 ,4 &5	Cane Unloader No-1 ,4 &5 cabling to be done thru cable trolley with channel in place of sling rope wire	7.70	250744	10/07/2025	SHYAM ENGG.	30/07/2025	Received	Work Done & Running position

## Electrical -Capex Status 25-26

S.NO	Project Name	Objective of Project	Budget	PO				Status	Remarks
				No	Date	Vendor	Delivery Date	Date	
7	Main Cane Carrier drive VFD ( 110 KW)	Main cane carrier VFD need to be replaced with new ACS 580 due to Old drive ACS850-04-387A-5+J400 has been obsoleted by ABB and few spares not avail in market	5.58	250746	10/07/2025	ALPHA CONTROL	30/07/2025	Received	Work Done
8	Feeder Drum drive VFD ( 75 KW)	Feeder Drum VFD need to be replaced with new ACS 580 due to Old drive ACS850-04-225A-5+J400 has been obsoleted by ABB and few spares not avail in market	3.45	250746	10/07/2025	ALPHA CONTROL	30/07/2025	Received	Work Done
9	Shredder Belt conveyor drive VFD ( 37 KW)	Shredder Belt need to be replaced with new ACS 580 due to Old drive ACS850-04-144A-5+J400 has been obsoleted by ABB and few spares not avail in market	2.75	250746	10/07/2025	ALPHA CONTROL	30/07/2025	Received	Work Done
10	Existing Batch Machine ( DS House)	Renovation of Existing Batch M/C VFD panel room of <b>DS house</b> with ACP & puf panels & roofing with strong structure sheet & False ceiling requirement & strengthening for AC cooling. (Size -29L x 13W x 15H feet for main roof & 10.5H feet for false ceiling)	7.30					Received	Work Under Progress. Cabin work done- only false ceiling to be done

## Electrical -Capex Status 25-26

S.NO	Project Name	Objective of Project	Budget	PO				Status	Remarks
				No	Date	Vendor	Delivery Date	Date	
11	D S House Breaker (MCC-1)	1600 Amp ABB breaker with cradle to be replaced with new due to old breaker heated off Injection MCC-1 & FFE MCC in DS House	<b>6.05</b>	250741	10.07.25	Riythm Automation	20.09.25	Received	Work Done
13	D S House Breaker Panel	Three No breaker panel of 1600 amp requirement at MCC-1 GD floor due to open type two No breaker are used for making power arrangement to Injection MCC-3 & Distillery LT power during off season & Now we need to connect these from Transformer bus duct thru 10 No cables of 25 meter for load adjustment of one ton & 1750 KG batch M/C on transformer	<b>11.20</b>	250741	10.07.25	Riythm Automation	20.09.25	Received	Work Done
14	1750 Batch M/C VFD panel	New VFD panel ACS 880 or latest requirement for 1750 KG batch type Machine of raw house to replace the old ACS 800 VFD panel due to obsoleted in market.	<b>22.70</b>					Received	Work Done
15	1750 Batch M/C VFD panel	New VFD panel ACS 880 or latest requirement for 1750 KG batch type Machine of refinery house to replace the old ACS 800 VFD panel due to obsoleted in market	<b>22.70</b>					Received	Work Done

## Electrical -Capex Status 25-26

S.NO	Project Name	Objective of Project	Budget	PO				Status	Remarks
				No	Date	Vendor	Delivery Date	Date	
16	Syrup Extraction Pump VFD	New VFD requirement for existing Syrup extraction PP 1 &2 due to old existing VFD ACS 550-01-059A-04 obsoleted.	1.85	250760	11/07/2025	Rhythm Automation	20/07/2025	Received	Work Done
19	ETP MCC panel	Existing not have any MCC panel and starters are kept at different location which is not in proper electrical manner & control	9.06	<b>Hold for This Year, will be done with ETP Upgradation</b>					
20	MCC 1 VFD Panel	Existing split AC are 10-year-old & not working properly	2.60	250758	10.07.25	JMD ENTERPRISES	30.07.25	Received	Work Done
21	Powerhouse PCC Cooling System	To prevent bagasse dust inside the PCC & overcome to temp rising problems during Feb to April	23.75	<b>Will be done based on requirement</b>					Hold

## Instrument -Capex Status 25-26

S.NO	Project Name	Objective of Project	Budget	PO				Status	Remarks
D	Instrument			No	Date	Vendor	Delivery Date	Date	
1	ABB PM583 panel	Raw continuous pan ABB PM583 panel builder 600 system upgrade windows 7 to windows 10 or 11	2.12	<b>Will be done with complete upgradation</b>					
2	Allen-Bradley RS logix 500 system	Refinery Allen-Bradley RS Logix 500 system upgrade windows 7 to windows 10 or 11		<b>Will be done with complete upgradation</b>					
3	Upgrade windows	Upgrade windows 7 to windows 10 or 11 for SEDL system		<b>Will be done with complete upgradation</b>					
6	Online Monitoring in DCS	All mill bearing temperature & critical lub-oil pressure to be taken in DCS	3.35	250923 / 251118	25/7/2025 / 11/8/2025	M/s Pioneer Automation / Rotex Control	30/9/2025 / 5/9/2025		Work Done
7	Brix sensor	Raw B & C cont. pan brix sensor absolute by manufacture not available in market	9.00	250698	05.07.25	INSTRUMENTS & SYSTEMS	20.08.25	Received	Work Done
8	Mass flow meter	Mass flow meter size 6-inch application sugar cane juice flow range 350 TPH	22.00	250862	22/07/2025	M/s Pioneer Automation	25/09/2025	Received	Work Done
11	LT & Control Valve	B Havey holding tank level control	1.20					Hold	
12	Auto Batch Weighing Scale	Auto weighing scale batch Type for Molasses C Havey	7.70					Hold	

## CRITICAL SPARES: Capex Status 25-26

S.NO	Project Name	Objective of Project	Budget	PO				Status	Remarks
A	Mill			No	Date	Vendor	Delivery Date	Date	
1	Planetary Drive	Procurement of spare Planetary Gear Box for Shredder Elevator & IRC No 1	18.53	250713	08.07.25	FRONTLINE TECHNOCARTS (P) LTD.	10.10.25	Material awaited	Expected by 10.11.2025
2	Shafts	Procurement of spare Head & Tail Shaft Assembly (with sprockets) for Shredder Elevator & IRC No 1	13.70	250669 Shaft & 250599 Sprocket	03.07.25 & 24.06.2025 Sprocket	Bharat Forge & M/s Premchand	30.09.25 Shaft & Sprocket 31.08.25	Material awaited	2 shaft out of 3 Nos received for machining PO - 255482/06.09.25
3	Shafts	Procurement of spare Head & Tail Shaft Assembly (with sprockets) for IRC 2nd to 4th	11.65	250669 Shaft & 250599 Sprocket	03.07.25 & 24.06.2025 Sprocket	Bharat Forge & M/s Premchand	30.09.25 Shaft & Sprocket 31.08.25	Material awaited	2 Nos Shaft received for machining PO - 255482/06.09.25
4	Gear	CAST STEEL DOUBLE HELICAL GEAR86 TEETH X 25 MODULE -2 Nos		P/NR/F/242841	21/02/2025	SRINATHJI ISPAT LTD	27/08/25	One No Received & fitted	One No awaited
B	Boiling House								
4	Drives	36 ft Clarifier Drive worm and worm wheel	3.60	15165	09.07.25	KAVITA ENGINEERING WORKS	15.08.25	Drive Received	New Drive received 16.08.2025
8	Drives	Raw Sugar and Refinery Sugar Pugmill drive gear box- spares for 03	6.15	Y	Y	Y		Material in transit	PI Received 08.10.25
9	Drives	Raw Sugar Mingler drive gear box- spares for 03	5.15	Y	Y	Y		Payment done	PI Received 08.10.25

## CRITICAL SPARES: Capex Status 25-26

S.NO	Project Name	Objective of Project	Budget	PO				Status	Remarks
A	Mill			No	Date	Vendor	Delivery Date	Date	
C	<b>Electrical</b>								
1	Relay Mecom P-343	3.MW TG set	<b>4.43</b>	Y	Y	Y			spare material is be indent after installation of Load sharing panel
2	Breaker 4000 A	Breaker E-Max2 ,4000 A for old TG incomer against two no breaker	<b>5.00</b>	<b>PR Done, Comparative done</b>					PO Done ( Spare)
3	Breaker 4000 A	Spare breaker E-Max ,4000 A for D S PCC incomer form powerhouse	<b>5.00</b>					Received	Work Done & running Position
4	Motor 37 KW,1470 RPM,	Motor for Cane unloaders	<b>1.65</b>	250735	09/07/2025	Ashirwad	09.07.25	Received	Critical Spare
5	Motor 75 KW	Motor for Feeder Drum	<b>3.00</b>	250736	09/07/2025	ALPHA CONTROL INSTRUMENTS	10.09.25	Received	Critical Spare
6	Motor 55 K	Motor for IRC No-1	<b>2.40</b>	250801	16.07.25	Ashirwad	25.09.25	Received	Critical Spare

# CRITICAL SPARES: Capex Status 25-26

S.NO	Project Name	Objective of Project	Budget	PO				Status	Remarks
A	Mill			No	Date	Vendor	Delivery Date	Date	
D	<b>Instrumentation</b>								
1	1769-L36ERM 1769-L36 ERM compact Logix 5370 L3 controllers	MCS PLC Controller	<b>5.35</b>	250742	10.07.25	SI Energy Ventures	15.08.25	Received	<b>Critical Spare</b>
2	Embedded controller	SEDL PLC Controller (Colling Condenser)	<b>2.72</b>	250650	28.06.2025	SEDL	25.07.2025	Received	Fitted at Position & Running Position
3	Controller-F701S	Sugar Weighing Machine	<b>1.25</b>	250697	05.07.25	HI Tech Engineers	05.07.25	Received	
4	Controller for ABB PM-583 CPU AC500	B & C Continuous Pan PLC	<b>1.85</b>					Hold	Will be done with DCS
5	Molasses weighing scale model I 410 batch controller	Molasses Weighing Scale	<b>1.50</b>	250675	04.07.25	PRECIA MOLEN INDIA PVT. LTD	25.08.25	Received	<b>Critical Spare</b>
6	Communication module model no- CI854a	DSC Communication module model	<b>2.90</b>	251139	12/08/2025	Alpha Control	15/10/2025	Received	<b>Critical Spare</b>
7	Cluster module base plate	DCS Cluster Module	<b>1.00</b>	250872	22/07/2025	ALPHA CONTROL	15/08/2025	Received	<b>Critical Spare</b>
8	Woodward governor controller 505	3MW Governor	<b>16.20</b>	251302	26/08/2025	Powerstar Engg.	08/10/2025	Received	<b>Critical Spare</b>
9	Digitalization	Misc (New Imitative/upgradation & Unseen)	<b>16.95</b>						

## Capex Under Progress

**New Molasses Tank Foundation digging work Under progress**

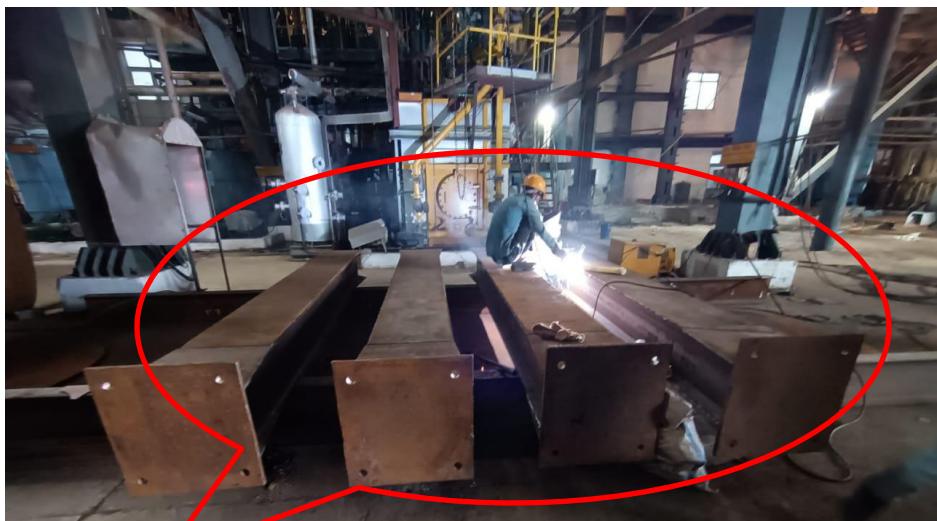


## Capex Under Progress

**Mud removing System- Scaffolding fixing work U/P for Top slab beam & slab Level.**



# Capex Under Progress



R3 Masscuite Boiling work under Progress



Crystallizer Placed at Position



Pan Calandria placed at position & Pan Body Lifting work U/P



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# PRODUCTION

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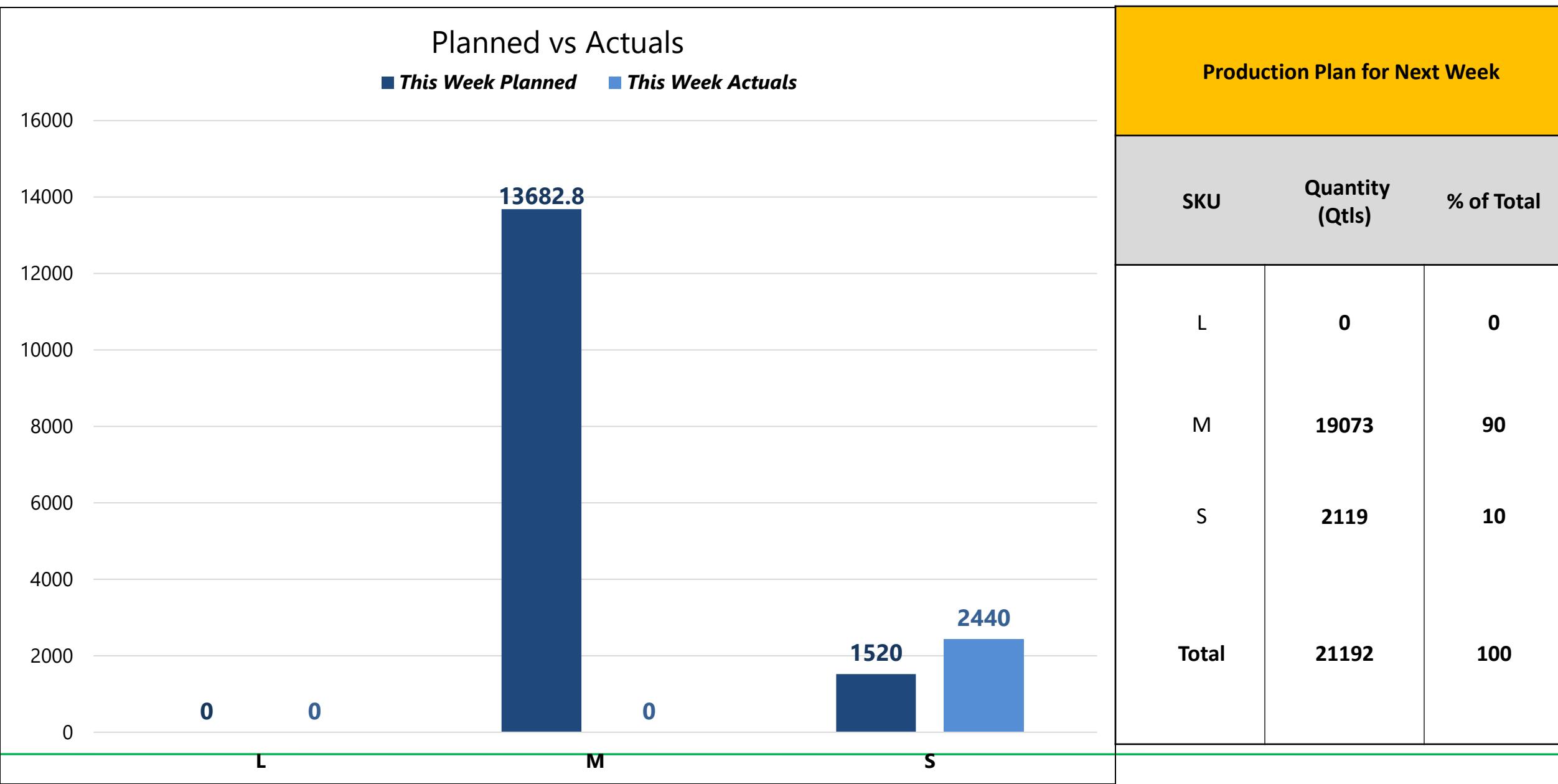
## General Observation

- **Crushing started on 25<sup>th</sup> October 2025 .**
- **Both houses is running on CH diversion .**
- **DS House started on 29/10/2025.**
- **R3 pan calandria and shell placed at the position .**
- **Mud removal system civil work in progress.**

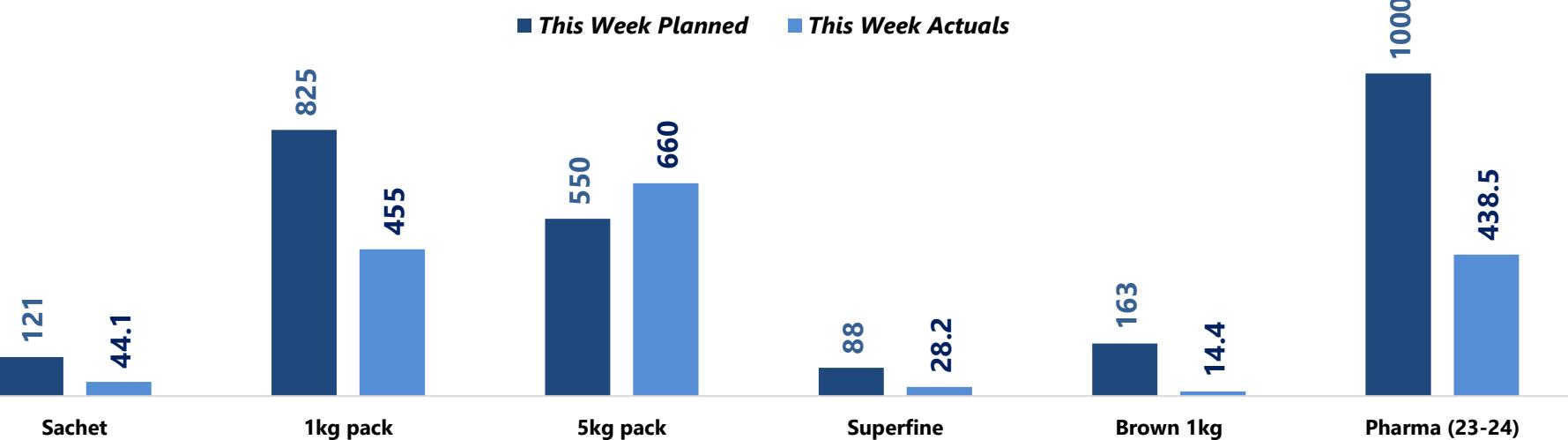
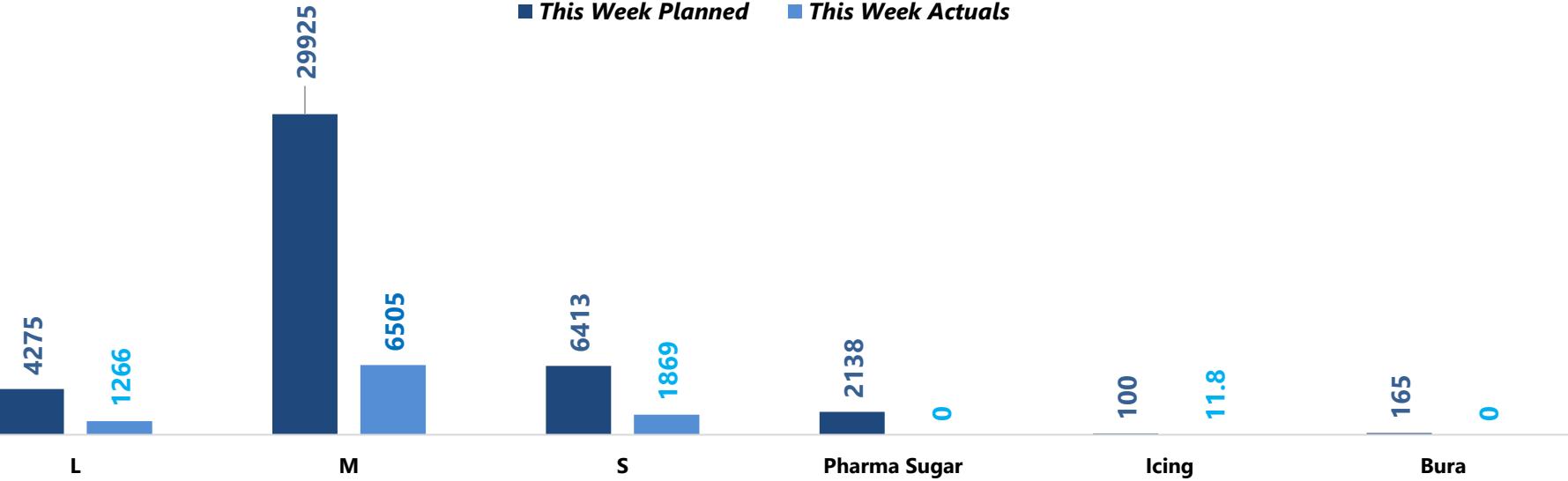
# Weekly Performance Snapshot - Production

No.	Capacity Utilization	Target	Current Week	Last Week	Till Date
1	Sugar Production (LQ)	14.24	0.12		0.12
2	Sugar Bagging – RS (Qtl)	859457	9640		9640
3	Sugar Bagging – DS (Qtl)	564643	2440		2440
	Recovery				
4	Sugar Recovery BH – RS (%)	10.20	9.00		9.00
5	Sugar Recovery BH – DS (%)	10.20	9.00		9.00
6	C-Mol Recovery – RS (%)	4.80			
7	C-Mol Recovery – DS (%)	5.20			
	Quality				
8	C-Mol Purity – RS	< 33.00	32.14		32.14
9	C-Mol Purity – DS	< 32.00	32.28		32.28
10	Losses in Mol % Cane CH – RS	< 1.39	1.08		1.08
11	Losses in Mol % Cane CH – DS	< 1.46	1.08		1.08
12	Pol % Filter cake	< 2.00	2.21		2.21
	Consumption				
14	Steam Consumption (Kg/Qtl Sugar)	400	846		846
15	Steam % Cane	<42	39.21		39.21
16	Power Consumption (Units/Qtl Sugar)	11	18.18		18.18

# Weekly Sugar Production – DS House



# Weekly Sugar Production – RS House



Production Plan for Next Week		
SKU	Quantity (Qtls)	% of Total
L	3107	10
M	21746	70
S	4660	15
Pharma	1553	5
<b>Total</b>	<b>31066</b>	<b>100</b>
Icing	100	3.32
Bura	165	5.48
Sachet	121	4.02
1kg pack	825	27.40
5kg pack	550	18.26
Superfine	88	2.92
Brown 1kg	163	5.40
Pharma	1000	33.20
<b>Total</b>	<b>3012</b>	<b>100%</b>

# Sugar Production Quality

Sugar Quality	Season 2025-26				Season 2024-25	
	Target	Current Week	Last Week	Till Date	Week	Till Date
<b>Sugar Quality - DS</b>						
ICUMSA (L-sugar)	<110					
ICUMSA (M-sugar)						
ICUMSA (S-sugar)						
<b>Sugar Quality – RS</b>						
ICUMSA (L-sugar)	<30	36		36		
ICUMSA (M-sugar)		30		30		
ICUMSA (S-sugar)		30		30		
<b>Sugar Quality Pharma</b>						
ICUMSA (SS - Sugar)	<25					
ICUMSA (20/80 - Sugar)						
ICUMSA (30/80 - Sugar)						

# Monthly Performance Snapshot - Production

S.No.	Capacity Utilization	Target	Nov-25	Nov.-24		
1	Sugar Production (LQ)	14.24				
2	Sugar Bagging – RS (Qtl)	859457				
3	Sugar Bagging – DS (Qtl)	564643				
	<b>Recovery</b>					
4	Sugar Recovery – RS (%)	11.1				
5	Sugar Recovery – DS (%)	11.1				
6	C-Mol Recovery – RS (%)	4.8				
7	C-Mol Recovery – DS (%)	5.2				
8	B-Mol Recovery – RS (%)	6.8				
9	B-Mol Recovery – DS (%)	7.2				
	<b>Quality</b>					
10	C-Mol Purity – RS	<33.00				
11	C-Mol Purity – DS	<32.00				
12	B-Mol Purity – RS	<51.00				
13	B-Mol Purity – DS	<51.00				
14	Losses in Mol % Cane CH– RS	<1.39				
15	Losses in Mol % Cane CH – DS	<1.46				
16	Losses in Mol % Cane BH – RS	<3.00				
17	Losses in Mol % Cane BH – DS	<3.18				
18	Pol % Filter Cake	<2.00				
	<b>Consumption</b>					
19	Steam Consumption (Kg/Qtl Sugar)	400				
20	Steam % Cane	42				
21	Power Consumption (Units/Qtl Sugar)	11				

# Steam Consumption Target Vs Actual

## Steam consumption target Vs actual at different process

At Recovery %	Process option - 1		Process option - 2		Process option - 3		
	Both Process on C-heavy with 125 KLD Distillery on Syrup		Both process on B-heavy with 125 KLD Distillery on Syrup		Both process on B-heavy		
	Target	Actual till date	Target	Till date	Target	Weak actual	Actual Till date
10.50	42.00	39.21	40.51		41.00		



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# POWER PLANT

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## HIGHLIGHTS FOR THE WEEK



### 30.85 MW Power Plant –

- The 30.85 MW Co-gen Plant was started on 24/10/2025. All parameters of the 150 TPH Boiler and 30.85 MW Turbine were found within limits during full-load operation.
- Steam supply to the Fermentation Plant (Distillery) was provided from 26/10/2025 to 28/10/2025.
- Engineers from EKA Press Techno Services Pvt. Ltd. visited the plant for online safety valve setting, which was successfully completed for all three boilers.

### 70 TPH Boiler-

- The 70 TPH Boiler was started on 28/10/2025 as per the demand for steam and crushing requirements.

### 4.0 MW Distillery Power Plant-

- The 4.0 MW Distillery Co-gen Plant was started on 29/10/2025, and steam supply to the Distillery Plant commenced on 30/10/2025.
- A leakage was observed in the 35 TPH Boiler front water wall panel on 30/10/2025, which was attended and rectified the same day. Total stoppage time: 03 hours.

# Weekly Performance Snapshot - Power



S.N	Generation & Export	Current Week	Last Week	Till Date
1	Total Power Generation (LU)	44.69	0	44.69
2	Power Export (LU)	29.80	0	29.80
3	Power Export (%)	66.68	0	66.68
	<b>Power Consumption (% of Gen.)</b>	<b>33.32</b>	<b>0</b>	<b>33.32</b>
4	Sugar Plant Process (% of Gen.)	21.93	0	21.93
5	Distillery Plant Process (% of Gen.)	1.46	0	1.46
6	Aux Consumption (% of Gen.)	9.93	0	9.93

# Weekly Performance Snapshot – Power



	<b>Boiler Capacity Utilization</b>	<b>Target</b>	<b>Current Week</b>	<b>Last Week</b>	<b>Till Date (25-26)</b>	<b>Till Date (24-25)</b>
10	Capacity Utilization - 150 TPH	>144.0	151.7	0	151.7	72.3
11	Capacity Utilization – 70 TPH	>64.0	51.0	0	51.0	46.7
12	Capacity Utilization – 35 TPH	>33.0	28.4	0	28.4	26.6
	<b>Turbine Capacity Utilization</b>					
13	PLF % – 30.85 MW	> 95.00	95.16	0	95.16	49.64
14	PLF % – 3.0 MW (O)	> 90.00	73.61	0	73.61	92.99
15	PLF % – 3.0 MW (N)	> 75.00	42.71	0	42.71	52.88
16	PLF % – 4.0 MW	> 80.00	71.82	0	71.82	59.48
	<b>Efficiency</b>					
17	Steam/Fuel Ratio – 150 TPH	≥2.54	2.51	--	2.51	2.16
18	Steam/Fuel Ratio – 70 TPH	≥2.19	2.06	--	2.06	1.84
19	Steam/Fuel Ratio – 35 TPH	≥1.88	2.28	--	2.28	2.10
20	Specific Steam – 30.85 MW	<5.20	5.05	--	5.05	4.80
21	Specific Steam – 3 MW (O)	<9.00	8.72	--	8.72	8.76
22	Specific Steam – 3 MW (N)	<9.00	10.84	--	10.84	10.10
23	Specific Steam – 4 MW	<9.20	9.73	--	9.73	10.37

# Key Operational Parameters: Overall Power Generation , Export and Consumption of SPE Division

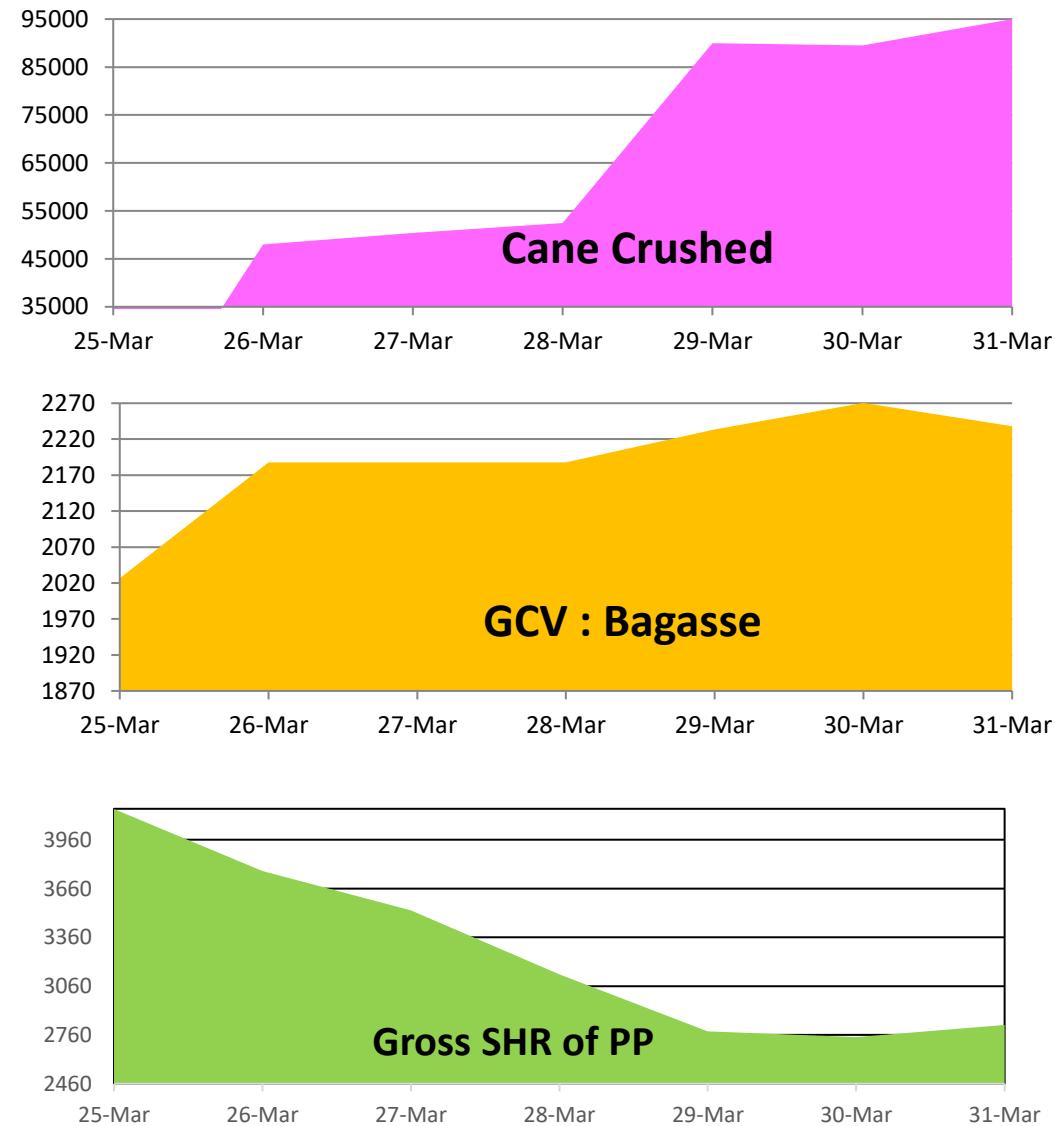


Sr. No.	Particulars	UOM	Target	Current Week	Last Week	Till date SS 25-26	Till date SS 24-25
	Operation	Days	Avg.	6	.	6	5
1.	Capacity Utilization – 30.85 MW STG Set	%	> 95.00	95.16	0	95.16	49.64
2.	Capacity Utilization – 3.0 MW _ Old STG Set	%	> 90.00	73.61	0	73.61	92.99
3.	Capacity Utilization – 3.0 MW _ New STG Set	%	> 75.00	42.71	0	42.71	52.88
4.	Capacity Utilization – 4.0 MW STG Set	%	> 80.00	71.82	0	71.82	59.48
5.	Aux. Consumption of 30.85 MW	%	< 9.20	9.38	0	9.38	11.68
6.	Aux. Consumption of 4 MW	%	< 20.00	20.88	0	20.88	22.59
7.	Power Consumption Per Ton of Cane Crushed	KWH/Ton on Cane	< 31.54	32.61	0	32.61	43.23

# KEY OPERATIONAL PARAMETERS

## 30.85 MW PP (150 TPH BOILER)

Parameters	UOM	DATE						
		25-Oct	26-Oct	27-Oct	28-Oct	29-Oct	30-Oct	31-Oct
Cane Crushed	QTL	0	48000	50400	52500	90000	89500	95000
Steam Gen.	MT/ HR	91.7	115.0	132.8	130.9	147.8	144.1	147.7
Power Gen.	MWH	16.92	21.42	23.13	23.63	28.67	28.33	29.21
Bag. Moisture	%	55.5	52.0	52.0	52.0	51.0	50.2	50.9
GCV : Bagasse	KCal/K g	2027	2188	2188	2188	2234	2270	2238
Gross SHR of PP	KCal/ Kwh	4148	3768	3526	3133	2782	2747	2822
Gross Boiler Eff.	%	66.28	69.90	69.78	69.62	70.50	71.17	70.92



# BAGASSE GENERATION & CONSUMPTION DETAILS

Particulars	U O M	Hourly	Current	Last	Hourly (Till Date)	Weekly	Current	Last	Till Date
			Week	Week			Week	Week	
Operation days	NOS.		SS 25-26	SS 25-26	SS 25-26	SS 24-25			SS 25-26
Cane Crushed	MT		6	0	6	5	7	0	5
Bagasse Received	MT	416.7	295.4	0	295.4	198.9	70000	0	23870
Bagasse Stock	MT	112.5	80.4	0	80.4	0	18900	0	7107
			3280			21927			
Steam Gen. 70 TPH Boiler	MT	64.0	51.0	0	51.0	46.7	10752	0	5601
Bag. Cons. 70 TPH Boiler	MT	29.2	24.8	0	24.8	25.3	4906	0	3037
Steam to Fuel Ratio		>2.19	2.06	---	2.06	1.84	>2.19	---	1.84
Steam Gen. 150 TPH Boiler	MT	144	151.7	0	151.7	72.3	24192	0	8679
Bag. Cons. 150 TPH Boiler	MT	56.7	60.5	0	60.5	33.5	9526	0	4019
Steam to Fuel Ratio		>2.54	2.51	---	2.51	2.16	>2.54	---	2.16
Steam Gen. (35 T Boiler)	MT	33.0	28.4	0	28.4	26.6	5544	0	1279
Bag. Cons. (35 T Boiler)	MT	12.0	11.4	0	11.4	12.7	2016	0	609
Slop Cons. (35 T Boiler)	MT	3.0	1.1	0	1.1	0	504	0	0
Steam to Fuel Ratio		>1.88	2.28	----	2.28	2.10	>1.88	----	2.10

# Boiler Online Safety Valves setting work



Hydraulic Force  
Buildup Machine



Microsoft Excel  
97-2003 Worksheet



Pressure Monitor



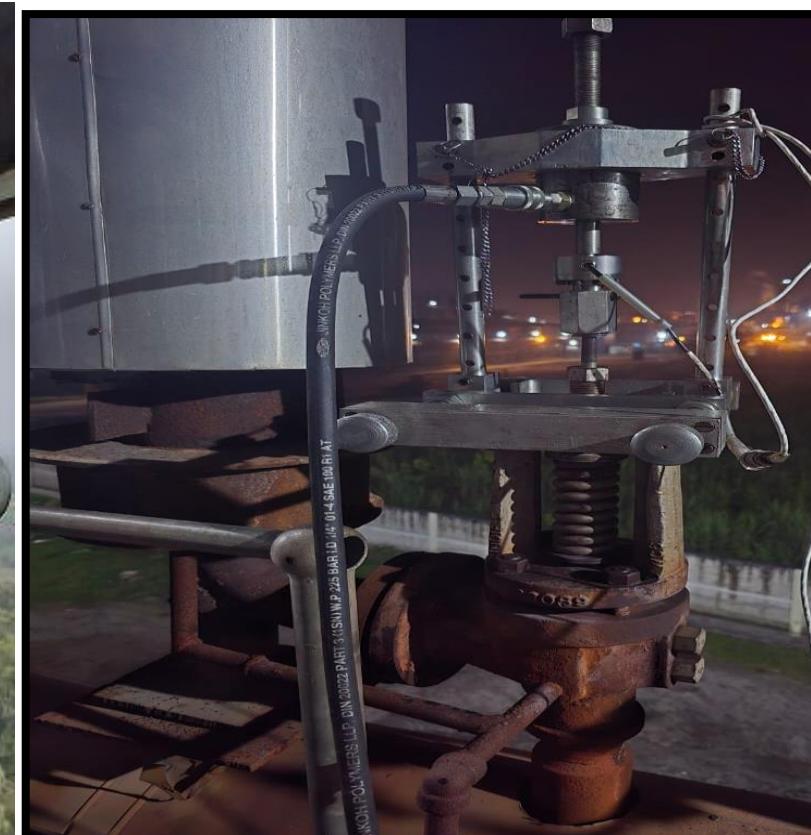
Microsoft Excel  
97-2003 Worksheet



Fixture mounted on safety valve



Microsoft Excel  
97-2003 Worksheet



# Online Boiler Safety Valves setting data

M/s EKA - PRESS TECHNO SERVICES PVT. LTD. SREE DURGA PALLY, P.O - NABAPALLY, BARASAT, KOL - 700126

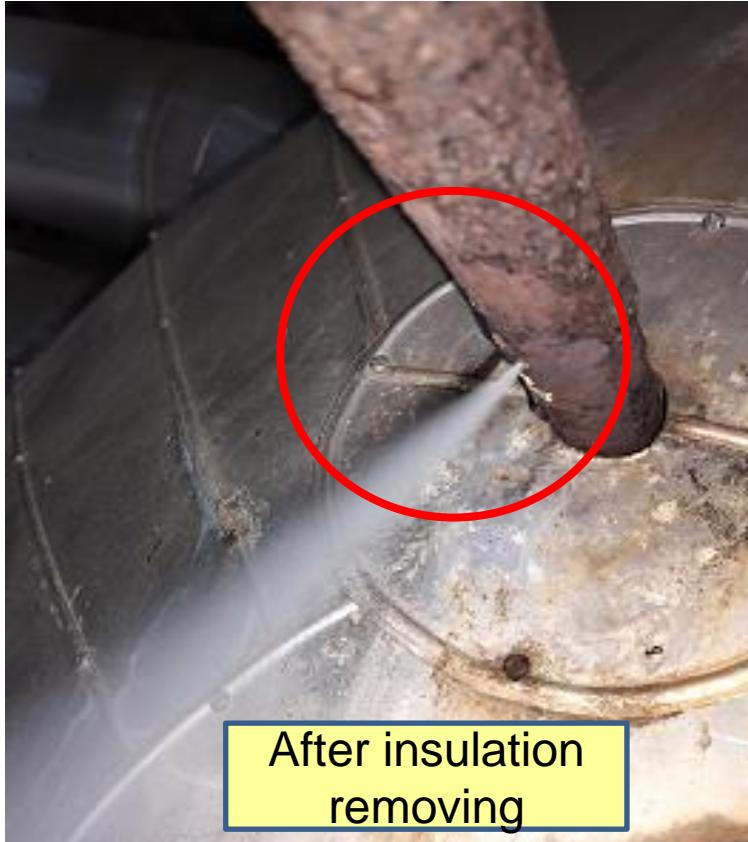
SL. NO.	DATE	MAKER NAME / VALVE ID	INITIAL SET PRESS. (Kg/cm <sup>2</sup> )	DESIGN SET PRESS. (Kg/cm <sup>2</sup> )	APPLIED FORCE (kgf)	SEAT AREA (cm <sup>2</sup> )	DIFF. PRESS. (Kg/cm <sup>2</sup> )	LINE PRESS. (Kg/cm <sup>2</sup> )	FINAL SET PRESS. (Kg/cm <sup>2</sup> )	Remarks
<b>150 TPH BOILER</b>										
1	27-Oct-2025	BHEL / 85 SH SV	109.63	115.00	309.00	15.45	20.00	95.00	115.00	No adjustment.
2	27-Oct-2025	BHEL / A1910/116 DRUM SV	127.47	131.00	658.00	27.44	23.98	105.00	128.98	Screwed 1.5 flat.
3	27-Oct-2025	BHEL / A1910 /115 DRUM SV	126.52	130.00	634.00	27.44	23.10	104.80	127.90	Screwed 3 flat.
<b>70 TPH BOILER</b>										
4	27-Oct-2025	CROSBY / 96-1103 DRUM SV	49.48	51.30	872.00	17.26	50.52	0.00	50.52	No adjustment.
5	27-Oct-2025	CROSBY / 96-1105 DRUM SV	50.41	51.65	892.00	17.26	51.68	0.00	51.68	Screwed 1 flat.
<b>35 TPH BOILER</b>										
6	27-Oct-2025	CROSBY / 20197008 SH SV	48.78	48.90	457.00	9.34	48.92	0.40	49.32	Screwed 1 flat.

## ZN- AI Tank installation Work Under Progress



Tank installation work completed approx.- 30%

## 150TPH Boiler Online sealing work



A pin hole leak was observed at the welding joint of the Hydra step level transmitter line on the boiler main steam drum. Immediate action was taken, and online leakage arresting work was successfully carried out without any interruption to boiler operation.

# FORCED OUTAGE REPORT OF 4.0 MW TG SET

## DATED 30.10.2025 (SS2025-26/PP-01)

- **Incident Description:** On Dated 30/10/25 at 07:40 AM leakage observed from welding joint of seal box (bagasse feeder) with water panel near 1<sup>nd</sup> pass.
- **Cause:** Welding of seal box done with water panel tube which crack under thermal stress during thermal expansion.(Fatigue failure).
- **Action:** Boiler Shutdown taken for corrective action at 8:40 AM on dated 30/10/25.
- After boiler firing done at 10:00 AM. Turbine Sync with grid at 11:40 AM.
- **Equipment Down time:** 03 HRS





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# DISTILLERY UNIT

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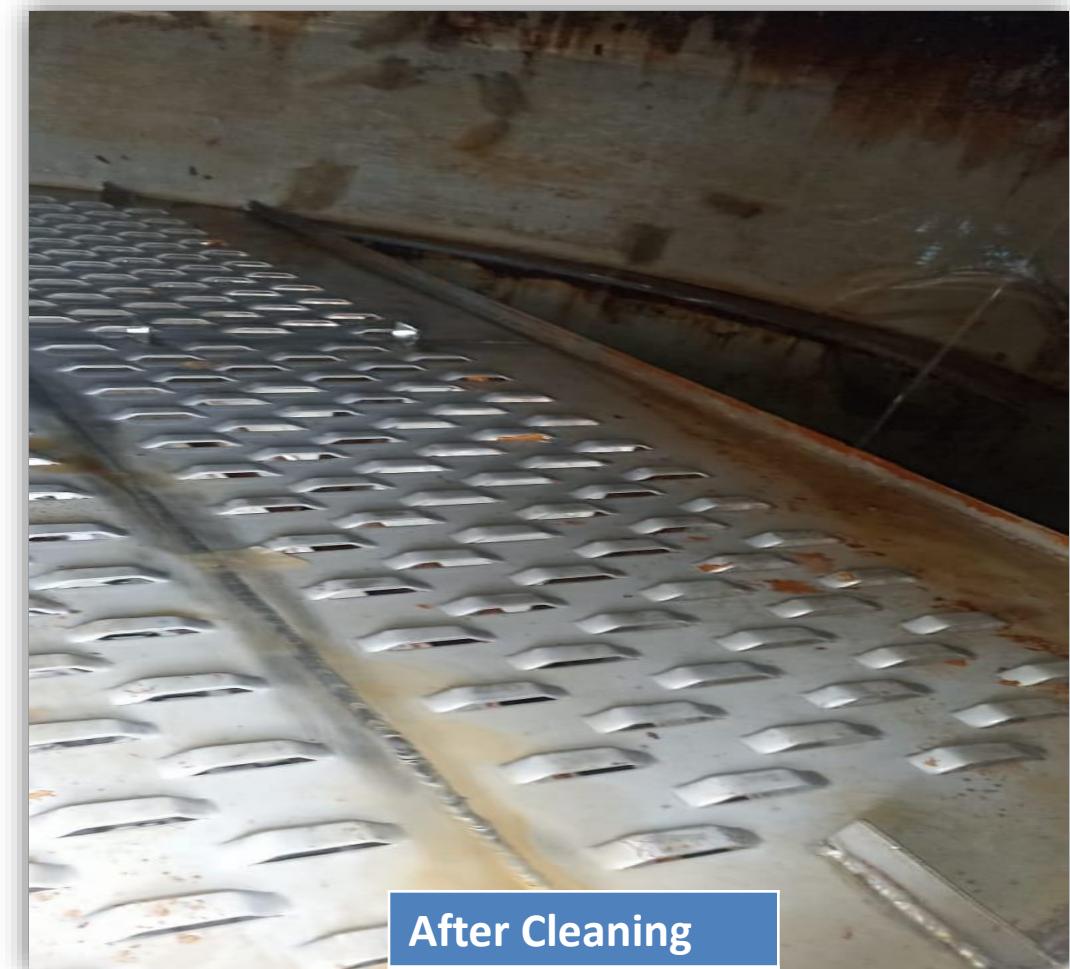
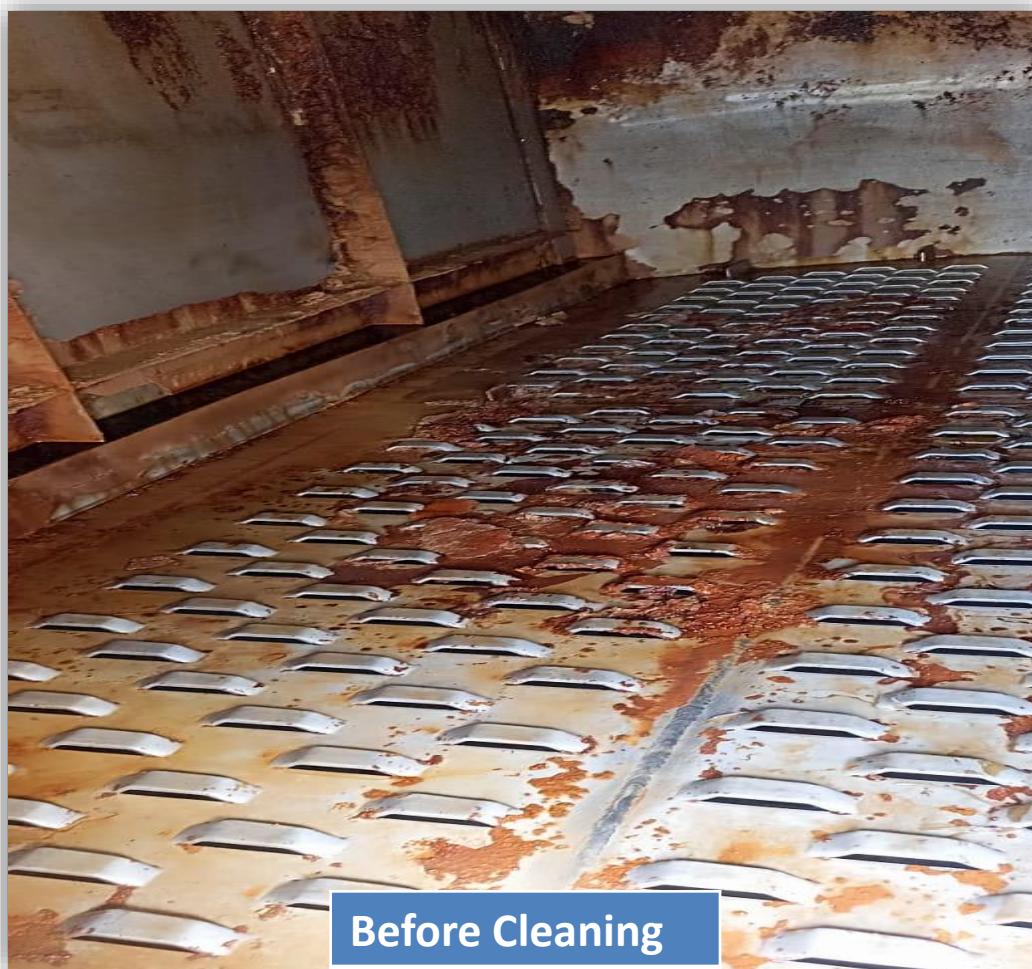


## Physical / General Plant observations-

Plants has been started at 11.30 Am on dated 30.10.2025 after scheduled cleaning & maintenance.

# DISTILLATION SECTION

## Analyser column grid tray



# DISTILLATION SECTION

## Analyser column(grid tray & down comers)



Before Cleaning



After Cleaning

# Evaporation Section

VLS0-08 circulation line cleaning status



Before cleaning



After cleaning

## Falling Film 02 &03 Vapour liquid separator



# EVAPORATION SECTION

## Falling Film 02 Vapour liquid separator & MEE Header



# Weekly Performance Snapshot - Distillery



S.N	Capacity Utilization	Target	Current Week	Last Week	Till Date
1	Total Production (Lakh Liters)	8.40	1.86	1.38	9.60
4	Downtime (Hrs.)		132.50	133.50	492.57
5	Average Ethanol Prodn./Day (Lakh Liters)	1.20	1.26	0.960	0.90
	<b>Efficiency</b>				
6	Ethanol Recovery – Syrup (BL/Qty Cane)	7.60	5.97		5.97
7	Ethanol Recovery – BH (BL/Qty)	31.5	-	28.22	28.17
8	Ethanol Recovery – Syrup (BL/Qty)	-	31.05		31.05
7	Fermentation Efficiency (%)	91.5	91.03	90.71	90.68
9	Distillation Efficiency (%)	98.5	98.63	98.75	98.67
10	Steam consumed (Kg/BL)	4.1	4.30	4.38	4.48
11	Power consumed (KWH/BL)	0.528	0.509	0.627	0.698
	<b>Feedstock Quality</b>				
11	Feed Stock	B-Heavy	Syrup	B-Heavy	Syrup/B-heavy
12	Total Reducing Sugar %		55.60	52.50	53.06
13	Fermentable Sugar %		53.60	48.82	49.69
14	UFS %		2.00	3.68	3.37

# Weekly Performance Snapshot On B-Hy Distillery



S.N	Capacity Utilization	Target	Current Week	Last Week	Till Date
1	Total Production (Lakh Liters)	8.40	1.86	1.38	7.73
4	Downtime (Hrs.)	0	132.50	133.50	360.07
5	Average Ethanol Prodn./Day(Lakh Liters)	1.20	1.26	0.96	0.84
	<b>Efficiency</b>				
6	Ethanol Recovery – Syrup (BL/Qty Cane)	-	5.97		-
7	Ethanol Recovery – BH (BL/Qty)	31.50	-	28.22	28.17
8	Ethanol Recovery – CH (BL/Qty)	-	31.05		-
7	Fermentation Efficiency (%)	91.5	91.03	90.71	90.60
9	Distillation Efficiency (%)	98.5	98.63	98.75	98.68
10	Steam consumed (Kg/BL)	3.90	4.30	4.38	4.48
11	Power consumed (KWH/BL)	0.528	0.509	0.627	0.744
	<b>Feedstock Quality</b>				
11	Feed Stock	B-Heavy	Syrup	B-Heavy	B-heavy
12	Total Reducing Sugar %		55.60	52.50	52.50
13	Fermentable Sugar %		53.60	48.82	48.83
14	UFS %		2.00	3.68	3.67

# Last 03 Months Performance Snapshot - Distillery



S.N	Capacity Utilization	Oct.-2025	Oct-2024
1	Total Production (Lakh Liters)	1.86	1.64
4	Downtime (Hrs.)	492.57	0
5	Average Ethanol Prodn./Day (Lakh Liters)	1.26	1.09
<b>Efficiency</b>			
6	Ethanol Recovery – Syrup (BL/Qty Cane)	5.97	6.93
7	Ethanol Recovery – BH (BL/Qty)	-	-
8	Ethanol Recovery – Syrup (BL/Qty)	31.05	32.08
7	Fermentation Efficiency (%)	91.03	92.02
9	Distillation Efficiency (%)	98.63	98.71
10	Steam consumed (Kg/BL)	4.30	4.22
11	Power consumed (KWH/BL)	0.509	0.583
<b>Feedstock Quality</b>			
11	Feed Stock	Syrup	Syrup
12	Total Reducing Sugar %	55.60	54.95
13	Fermentable Sugar %	53.60	54.74
14	UFS %	2.00	0.21

# Key Operational Parameters

Particulars	Current Week	Last Week	Last year Week	Till Date	
	SS 25-26	SS 25-26	SS 24-25	SS 25-26	SS 24-25
Feed Stock	Syrup	B-Heavy	B-Heavy	Syp/B-Heavy	Syrup
Average Ethanol Prodn. / Day	125894.0	96019.0	109084.0	89943.0	109084.0
Capacity Utilization	100.72	76.82	87.27	71.95	87.27
Ethanol Prodn. ( In BL)	186322.80	138267.60	163626.20	959690.40	163626.20

# Key Operational Parameters

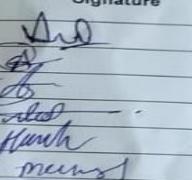
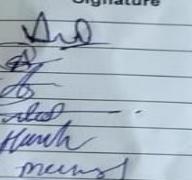
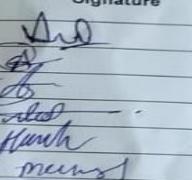
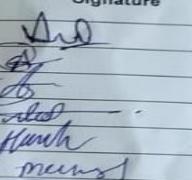
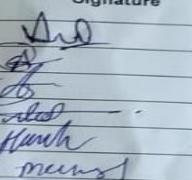
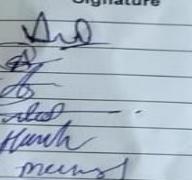
Particulars	Weekly		Till Date	
	SS 25-26	SS 24-25	SS 25-26	SS 24-25
Feed Stock	Syrup	Syrup	Syp/B-Heavy	Syrup
B-heavy molasses Utilized (In Qtl)	6000	5100	33450	5100
Ethanol Prod. BL / Qtl	31.05	32.08	28.69	32.08
Total Reducing Sugar %	55.60	54.95	53.06	54.95
Fermentable Sugar %	53.60	54.74	49.69	54.74
UFS %	2.0	0.21	3.37	0.21
Distillation Efficiency	98.63	98.71	98.67	98.71
Fermentation Efficiency	91.03	92.02	90.68	92.02

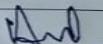
# Key Operational Parameters

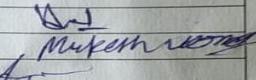
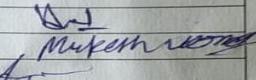
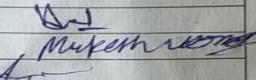
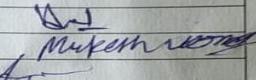
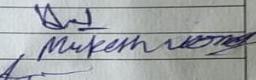
Sugar Season		2025-26		
Particulars	Budgeted (Week)	Achieved (Week)	Budgeted (To date)	Achieved (To date)
Feed Stock	Syrup			Syrup/B-heavy
Ethanol Prodn. ( In BL)	840000	186322.80	3720000	959690.40
Steam consumed in (MT)	3444.0	800.90	15252.0	4263.40
Steam consumed Kg/BL	4.10	4.30	4.10	4.48
Power consumed in (Kwh)	443520	94800	1964160.0	670200
Power consumed Kwh/BL	0.528	0.509	0.528	0.698

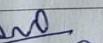


# TBT Attendance

<b>ZUARI</b> INDUSTRIES		<b>TBT ATTANDANCE SHEET</b>	<b>adventz</b>
ZUARI INDUSTRIES LIMITDED (UNIT) GOBIND SUGAR MILLS. AIRA, LAKHIMPUR KHERI			
Department: Distillery		Date: 25/10/2025	
Topics: TBT regarding Confined space work in shutdown.			
Location: Distillation & fermentation.			
Personnel Attending:			
N	Name	Designation	Signature
1	Abhey. Kr. Srivastava	Dy. Mgr.	
2	Amardeep Verma	DeCante op.	
3	Anil mishra	DECANTE op.	
4	Kuldeep Kumar	Evaporation	
5	Harspal Singh	Asst. Manager	
6	Munish Kr. Yadav	Ymetman	
7			
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(Abhey. Kr. Srivastava)

<b>ZUARI</b> INDUSTRIES		<b>TBT ATTANDANCE SHEET</b>	<b>adventz</b>
ZUARI INDUSTRIES LIMITDED (UNIT) GOBIND SUGAR MILLS. AIRA, LAKHIMPUR KHERI			
Department: Distillery		Date: 29/10/2025	
Topics: TBT regarding chemical Handling in fermentation process.			
Personnel Attending:			
N	Name	Designation	Signature
1	Abhey. Kumar Srivastava	Dy. Mgr. Shft Incharge	
2	Mukesh Kr. Verma	DeCante op.	
3	Anil mishra	DECANTE op.	
4	Kuldeep Kumar	Evaporation op.	
5	Kallu Srivastava	W-H op.	
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(Abhey. Kr. Srivastava)

# Near Miss or Hazardous Activity Report

## HAZARDS OBSERVATION - DISTILLERY

S.N	DATE	HAZARDOUS ACTIVITY/ OBSERVATION	LOCATION	ACTION REQUIRED/ TAKEN	TARGET DATE	RESPONSIBILITY	STATUS
1.	25/10/2025	During cleaning of wash holding tank in fermentation house some sludge spread on floor .	Fermentation House	Instruct to supervisor to clean floor immediately .	Immediate	Mr Harpal Singh	Completed
2.	27/10/2025	Casual labour cleaning fermentation N-pit doing without wearing face mask .	Fermentation House.	Instruct to supervisor and labour to wear face mask .	Immediate	Mr Vivek Tiwari	Completed
3.	28/10/2025	Contractual labours cleaning cooling tower basin without Gum boot.	Cooling Tower	Instruct to Supervisor use proper PPE,s during hazardous work .	Immediate	Mr. Vivek Bhatnagar	Completed
4.	31/10/2025	Small herbs and grass near main boundary .	Distillery main boundary.	Herbs & Grass cutting work has been done.	Immediate	Mr Abhay Srivastava	Completed

# Near Miss or Hazardous Activity Report

NEARMISS - DISTILLERY							
S.N	DATE	HAZARDOUS ACTIVITY / OBSERVATION	LOCATION	ACTION REQUIRED / TAKEN	TARGET DATE	RESPONSIBILITY	STATUS
1	25/10/2025	While fitter was open the analyser manhole ring spanner broken.no injury occurred.	Distillation Plant	Provided new tool.	Immediate	Mr Chirag Agarwal	Completed
2	27/10/2025	Pump spare placed in unsystematic manner after dismantling the pump in Distillation plant.NO injury occurred.	Distillation Plant	Instruct to fitter spare placed in systematic manner.	Immediate	Mr Avhay Kumar	Completed
3	28/10/2025	PHE plate in unsystematic manner in MEE Plant after cleaning. No injury occurred.	MEE Plant	Instruct to operator to be placed in systematic.	Immediate	Mr. Mukesh Verma	Completed
4	30/10/2025	MEE & Distillation Plant cleaning some debris spread near main gate during shifting by trolley. No injury occurred.	Near Main gate of Distillery	Instruct to clean .	Immediate	Mr. Vivek Tiwari	Completed

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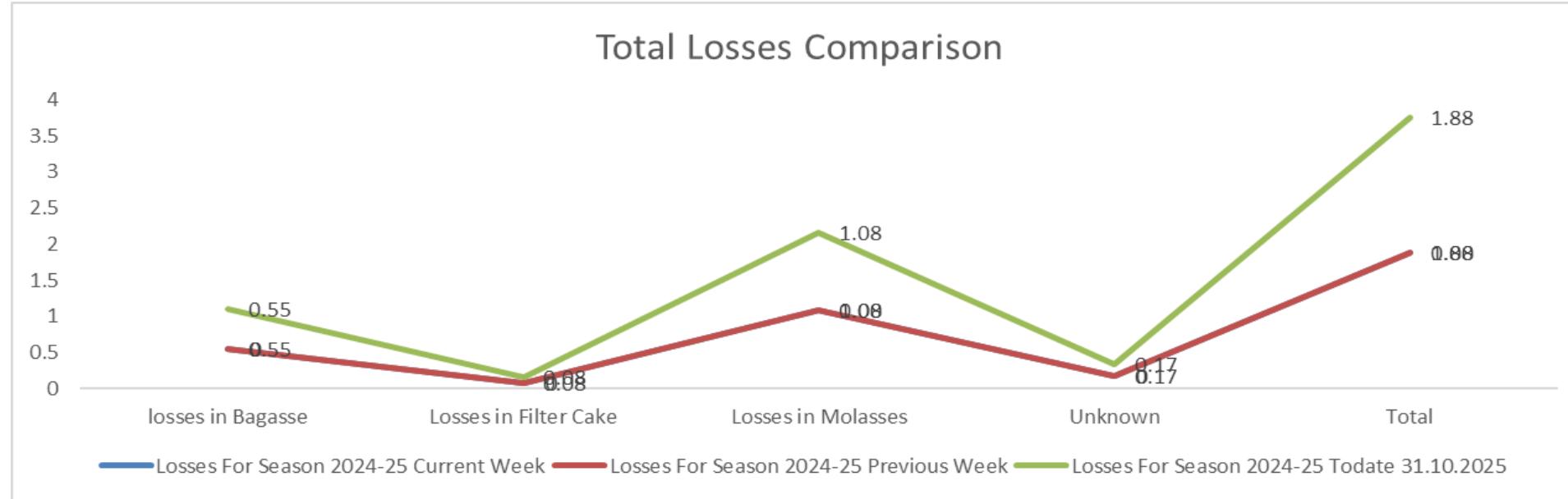
# QUALITY CONTROL

Particulars	Unit	Target	Season 2025-26			Season 2024-25	
			Week	Todate	Previous Week	Week	Todate
DATE OF START	Date		26.10.2025			27.10.2024	
DAY'S	Nos.	180		6			5
Cane Crushed For the Week/Total	Qtls.	17258000	425400	425400		238700	238700
Capacity Utilization %	%	94.71%	70.90	70.90		47.74	47.74
Pol in Cane	%	13.53	10.88	10.88		10.88	10.88
Sugar Recovery	% Cane	11.53 (CH)	9.00	9.00		8.55	8.55
Total Losses	% Cane	2.93	1.88	1.88		2.33	2.33
Hrs. Lost	%	72	1.06	1.06		0.58	0.58
Bagasse Pol	%	1.65-1.70	1.96	1.96		2.14	2.14
Bagasse Moisture	%	49.00-49.50	50.52	50.52		52.31	52.31
Sugar Bagged	Qtls.	1526000	12080	12080		1525	1525
Pharma Sugar Bagged	Qtls.		0	0		4857	8085
Steam % Cane	% Cane	<42.00%	38.41	38.41		35.04	35.04
Power Generation	KWH		4404690	4404690		2254013	2254013
Power Consumption	KW/T Cane	<32.00KW	32.61	32.61		38.62	38.62
Power Export to Grid	KWH		2980000	2980000		1305487	1305487
Cane Diversion For Syrup	Qtls.		86600	86600		73200	73200
Syrup Diverted to Distillery	Qtls.		17400	17400		15150	15150
Syrup Diverte	% Cane		20.09	20.09		20.70	20.70
Cane Crushed for Processing	Qtls.		338800	338800		165500	165500

Particulars	Season 2025-26			Season 2024-25	
	Week	Todate	Previous Week	Week	Todate
DATE OF START		26.10.2025		-	27.10.2024
DAY'S	6	6		5	5
CANE CRUSHED(QTLS)	425400	425400		238700	238700
CAPACITY UTILIZATION %	70.90	70.90		47.74	47.74
Hrs. LOST%AVAILABLE	1.06	1.06		0.58	0.58
CANE ON SYRUP	86600	86600		73200	73200
SYRUP DIVERTED TO DISTILLARY (QTLS)	17400	17400		15150	15150
SYRUP DIVERTED% CANE	20.09	20.09		20.70	20.70
CANE FOR PROCESS (QTLS)	338800	338800		165500	165500
SUGAR BAGGED (QTLS)	12080	12080		1525	1525
SUGAR RECOVERY %	9.00	9.00		8.55	8.55
TOTAL LOSSES %	1.88	1.88		2.33	2.33
POL IN CANE	10.88	10.88		10.88	10.88
PRIMARY JUICE BX / PY	17.03/79.51	17.03/79.51		17.27/79.04	17.27/79.04
PREV. SUGAR REPROCESSED (QTLS)	0	0		0	0

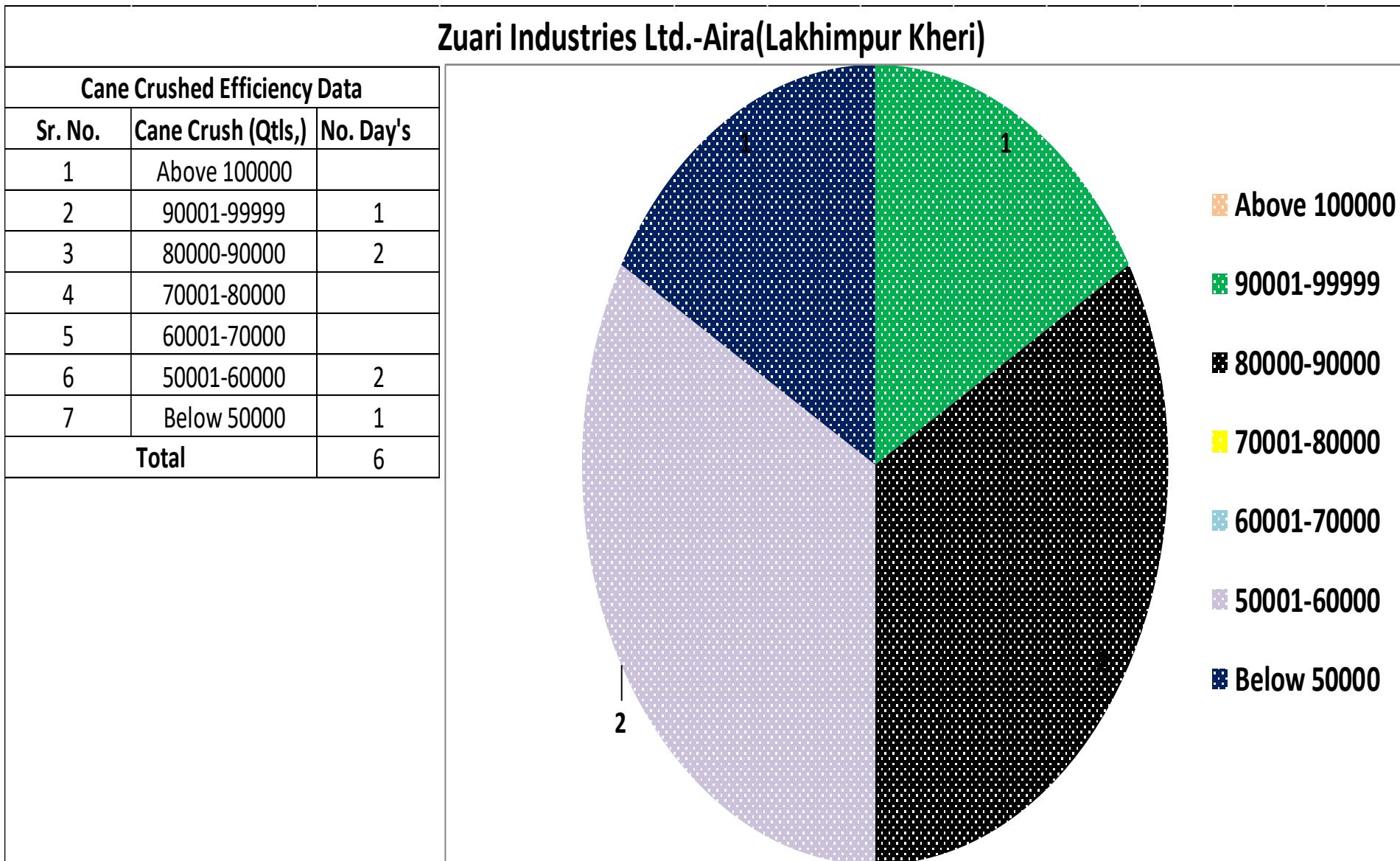
## ZIL, UNIT- GOBIND SUAGR MILL, AIRA

Particulars	Losses For Season 2025-26		
	Current Week	Previous Week	Todate 31.10.2025
losses in Bagasse	0.55		0.55
Losses in Filter Cake	0.08		0.08
Losses in Molasses	1.08		1.08
Unknown	0.17		0.17
<b>Total</b>	<b>1.88</b>		<b>1.88</b>



Zuari Industries Ltd.-Aira(Lakhimpur Kheri)			
KPI Target Vs. Achieved			
Operational Parameters	Unit	KPI	Achieved Up to 31.10.25
		Target	
Cane Crushed	Qtls	17258000	425400
Recovery-CH/BH	%Cane	10.60	9.00
Pol In Cane	%Cane	13.53	10.88
No Cane Stop	Hr.	Nil	0-00
Av.Yard Balance	Qtls.	16600	26372
Steam % Cane	%Cane	<42.00%	38.41
CH Pty-DS	%	<32.00%	32.74
CH Pty-RS	%	<33.00%	32.53
Filter Pol %	%	<2.00%	2.21
Unknown Loss	%	<0.10%	0.17
ICUMSA-DS	IU	<110IU	S-60IU
ICUMSA-RS	IU	<35IU	L-37IU,M-30U , S-30IU
Pharma ICUMSA	IU	<30IU	
Engg. Stop	Hr.	72	01-30
Avg. Crush-Including Stoppage	Qtls	93229	70900
Avg. Crush-Excluding Stoppage	Qtls	94709	71848
Cap. Utilization	%	94.71	70.90
ME	%	96-96.5	94.94
RME	%	96.4-96.8	95.16
Bagasse Pol%	%	1.65 to 1.70	1.96
Moisture% Bagasse	%	49-49.50	50.52
Imbibition % Cane	%	Max. 40%	33.17
Imbibition % Fibre	%	290-295	255.15
Power/T Cane	KW/T Cane	31.5-32	32.61

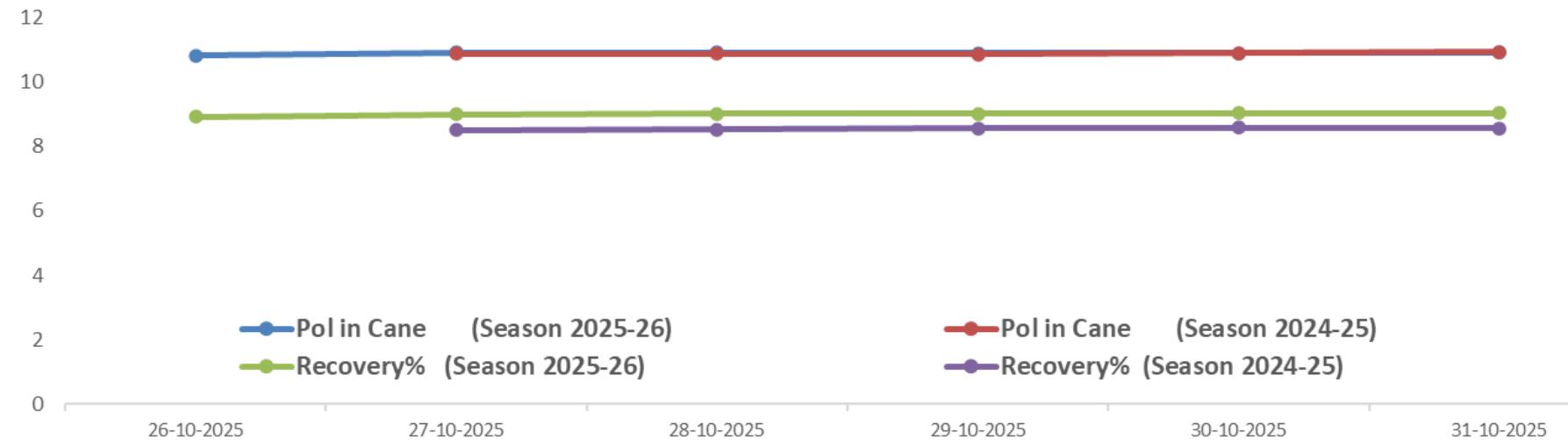
# Cane Crushed Data Capacity Wise

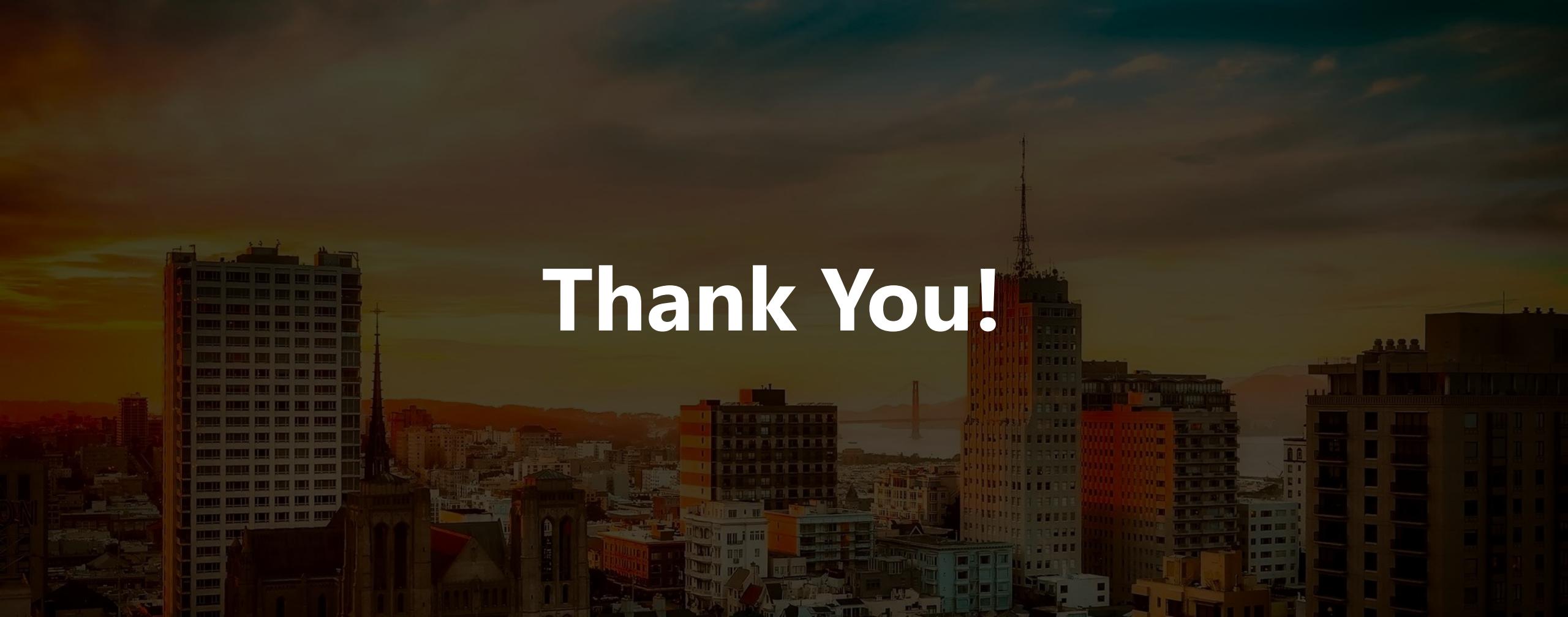


ZIL, UNIT- GOBIND SUAGR MILL, AIRA (6 Yrs COMPARATIVE)						
PARTICULARS	2025-26 Upto 31.10.25	2025-25	2023-24	2022-23	2021-22	2020-21
CANE CRUSHED QTLS	425400	14394845.48	13308965.99	14932333.9	13367287.31	11163871
AV. CRUSH PER DAY	70900	93473	86400	82957	92188	89610
SUGAR BAGGED QTLS	12080	1322216	1411851	1320095	1290719	1169943
RECOVERY % CANE	9.00	10.41	10.81	9.77	9.44	10.34
POL % CANE	10.88	13.33	13.54	13.01	13.00	13.84
POL IN M.JUICE % CANE	10.33	12.84	12.96	12.48	12.51	13.37
POL IN BAG. % CANE	0.55	0.49	0.55	0.53	0.49	0.47
POL IN F. CAKE % CANE	0.08	0.08	0.07	0.08	0.07	0.07
POL IN F. MOL. % CANE	1.08	2.29	2.03	2.53	2.92	2.90
UNKNOWN	0.17	0.06	0.08	0.11	0.09	0.06
TOTAL LOSSES	1.88	2.92	2.73	3.25	3.57	3.50
MIXED JUICE % CANE	104.57	111.52	110.73	110.46	112.66	114.85
MACERATION % CANE	33.17	39.80	40.17	39.69	40.60	42.43
FIBRE % CANE	13.00	13.43	13.79	13.97	13.35	13.29
BAGASSE % CANE	28.22	28.05	29.02	29.19	27.94	27.58
FILTER CAKE % CANE	3.80	3.64	3.76	3.82	3.72	3.47
MOLASSES % CANE	3.86	6.04	5.48	6.37	6.62	6.62
POL % BAGASSE	1.96	1.76	1.88	1.80	1.74	1.71
POL % FILTER CAKE	2.21	2.07	1.95	2.13	1.95	2.07
PR. JUICE BX	17.03	19.60	19.48	19.16	18.9	19.5
PR. JUICE POL	13.54	16.36	16.36	15.92	15.65	16.55
PR. JUICE PURITY	79.51	83.47	83.98	83.09	82.8	84.87

ZUARI INDUSTRIES LTD. UNIT AIRA(LAKHIMPUR KHERI)				
DATE	Pol in Cane (Season 2025-26)	Pol in Cane (Season 2024-25)	Recovery% (Season 2025-26)	Recovery% (Season 2024-25)
26-10-2025	10.81		8.92	
27-10-2025	10.90	10.86	8.98	8.5
28-10-2025	10.90	10.86	9.01	8.51
29-10-2025	10.89	10.85	9.00	8.56
30-10-2025	10.89	10.89	9.03	8.57
31-10-2025	10.91	10.92	9.02	8.56

Pol in Cane & Recovery TY Vs LY





# Thank You!

