

WEEKLY LEADERSHIP REVIEW

Gobind Sugar Mill, Aira

Week: 07 Nov 2025 vs Previous Week (31 Oct 2025)

Season Day: 13

PART 1 – INSIGHT NARRATIVE

1. Executive Summary (Key Insights)

- **CRUSHING PERFORMANCE:** Current week total crush at 6.89 LQ improved from 4.25 LQ last week, with till date crush at 11.14 LQ. Milling PUF improved to 98.43% from 70.90% with capacity utilization rising to 85.72%. Average crush excluding stoppage now at 87480 Qtls with planned stoppage 2 hours and forced shutdown 3.4 hours for till date.
- **RECOVERY:** Sugar recovery at 9.03% vs 9.00% last week, till date recovery steady at 9.02%. Pol in cane increased slightly to 10.99% from 10.89%. Total losses stable at 1.89% vs 1.88% last week, Bagasse Pol at 1.83% down slightly from 1.96%, but moisture stable at ~50.34%.
- **LOSSES:** Total pol losses flat at 1.89%. Losses in bagasse reduced slightly to 0.52% from 0.55%, molasses losses increased marginally to 1.16% from 1.08%. Unknown losses declined to 0.13% from 0.17%.
- **POWER:** Power generation increased from 44.69 LU to 64.30 LU, power export also rose to 38.32 LU from 29.80 LU. Power consumption as percent of generation increased to 40.40% from 33.32%. Plant availability at 150 TPH boiler and 30.85 MW turbine remained 100%, with 70 TPH boiler availability improving to 100% from 94.44%. PLF for 30.85 MW at 97.96% vs 95.16% last week.
- **DISTILLERY:** Ethanol production significant increase to 8.03 LL from 1.86 LL last week. Distillery PUF declined to 93.19% from 100.72%, but fermentation efficiency stable at 91.52%. Downtime reduced from 132.50 hrs to 2.58 hrs. Steam and power consumption improved from last week.
- **SUGAR QUALITY:** DS house M-sugar ICUMSA stable at 123 IU vs 123 IU last week. RS house L-sugar improved slightly to 32 IU from 36 IU last week. Quality within target ranges.
- **CAPEX / PROJECTS:** Mud Removal system at 30% progress. Pharma sugar reprocessing and packing room dehumidification system mostly complete (95%). Roofing and hot air blower provision work ongoing. Completion of various other projects in progress as per schedule.
- **EHS & SAFETY:** UPS power cable failure caused 40 minutes operation stop, restored same day. Road safety incidents detailed with no casualties. Four hazardous activities were promptly addressed and closed. Farmer calls and complaints were managed efficiently with 11 calls resolved.

2. Overall Performance

Overall crushing, sugar recovery, ethanol production and power generation improved vs last week with stable quality and losses. Operational uptime and plant availability improved, capex projects progressing, and safety incidents managed effectively.

3. Benchmark & Comparative Position

Capacity utilization and crushing rate are improving. Recovery is marginally up and steady vs last week and previous season. Losses are stable close to targets. Power plant and distillery operating close to benchmarks for availability and performance.

4. Cane Planning & Control

Daily indent rate steady at 1.05-1.07 LQ with cane purchased rate increased to 0.98 LQ. Gate and center indent maturity improved to 95% and 92%. Pol in cane stable at ~10.99%. Affected cane zero percent.

5. Engineering & Milling Performance

Significant improvement in milling with capacity utilization incl stoppages improving to 98.43%. Downtime increased to 4.22 hrs due to shredder tripping and planned stoppage for shredder checking (carbon brush replacement). Critical spares procured and under machining. Shredder motor vibrations monitored.

6. Production Performance

Sugar production at 0.48 LQ increased from 0.12 LQ last week. Sugar bagging volumes increased substantially. Recovery improved slightly. C-Mol recovery stable with purity marginally above target. Steam and power consumption improved.

7. Power Plant Performance

Power generation and export rose significantly. Boiler capacity utilization increased with full availability. Turbine PLF improved. Steam/fuel ratios and specific steam metrics in line with targets. Power consumption per ton of cane slightly above target.

8. Distillery Performance

Ethanol production increased markedly with reduced downtime. Fermentation and distillation efficiencies stable. Steam and power consumption improved. Feedstock quality on syrup maintained. Safety and maintenance activities ongoing.

9. Quality Control & EHS

Pol in cane steady, ICUMSA values stable within expected ranges. EHS activities robust with incident management and hazard remediation completed. Farmer support and complaint redressal effective.

Risks & Watch-outs for the Coming Week

- Risk of shredder motor failure due to abnormal vibration remains, related to carbon brush damage.
- UPS power cable infrastructure vulnerability indicated by failure incident; requires addressing for operational continuity.
- Capex project delays or hold due to external factors could impact operational efficiency.
- Monitoring of loader breakdowns and transporter availability critical due to impact on cane supply logistics.
- Safety related to chemical handling and operational discipline continues to require focus.

TABLE A – Quantitative Discussion

KPI	Current Week	Last Week	Till Date	WoW Change
Total Sugarcane Crush (LQ)	6.89	4.25	11.14	
Sugar Recovery (%)	9.03%	9.00%	9.02%	
Sugar Produced (LQ)	0.48	0.12	0.60	
Capacity Utilization - Milling (%)	98.43%	70.90%	85.72%	
Total Pol Losses (%)	1.89%	1.88%	1.89%	
Pol % Bagasse	1.83	1.96	1.88	
Bagasse Moisture (%)	50.34%	50.52%	50.39%	
Power Generation (LU)	64.30	44.69	108.99	
Power Export (LU)	38.32	29.80	68.12	
Power PUF (%)	95.68%	77.59%	87.33%	
Distillery PUF (%)	93.19%	100.72%	94.52%	
Ethanol Produced (LL)	8.03	1.86	17.62	
Fermentation Efficiency (%)	91.52%	91.03%		
Steam Consumption (Kg/BL)	4.20	4.30	4.87	
Power Consumption (KW/T Cane)	32.43	32.61	32.46	

TABLE B – Qualitative Discussion

Area	Current Week Narrative	Change vs Last Week
Engineering	Capacity utilization including stoppage rose to 98.43%, downtime increased to 4.22 hrs due to shredder motor tripping and planned stoppage for shredder checking. Carbon brush replacement done. Critical spares procurement ongoing.	Improved capacity utilization vs 70.90% last week. Downtime increased due to motor and shredder issues.
Cane	Daily indent rate held steady at 1.05-1.07 LQ. Cane purchased rate increased to 0.98 LQ. Gate indent maturity at 95%, center indent at 92%. Pol in cane stable at 10.99%.	Indent maturity improved from last week with cane supply logistics stabilized.
Production	Sugar production at 0.48 LQ vs 0.12 LQ last week. Sugar bagging volumes increased significantly for RS and DS houses. Quality metrics stable and within targets.	Sugar produced improved 4x vs last week. Bagging volumes increased on both houses.
Power	Power generation and export significantly increased. Boiler and turbine availability high.	Improved power generation and export

Area	Current Week Narrative	Change vs Last Week
	PLF metrics improved. Steam/fuel ratios maintained close to targets.	with consistent plant availability.
Distillery	Ethanol production increased markedly to 8.03 LL from 1.86 LL last week. Downtime reduced to 2.58 hrs. Fermentation and distillation efficiencies stable. Feedstock syrup quality maintained.	Substantial increase in ethanol production. Downtime improved drastically.
Quality/EHS	Pol in cane steady. ICUMSA values stable within range. Four safety and hazard incidents addressed and closed. Farmer call centre effectively resolved 11 issues.	Quality stable and EHS activities effective. Farmer support functioning well.
Capex	Mud removal system installation at 30%. Pharma sugar reprocessing mostly complete. Other projects progressing as planned.	Progressing well with active projects and some nearing completion.

This review is based exclusively on numbers and narratives disclosed in the weekly PDF slides.

Note: This report is AI-generated and may not be fully accurate. Please review and validate the information before relying on it for decision-making.