

WEEKLY LEADERSHIP REVIEW

Gobind Sugar Mill, Aira

Week: 13 Dec 2025 vs Previous Week (06 Dec 2025)

Season Day: Day 7 / 49

PART 1 – INSIGHT NARRATIVE

1. Executive Summary (Key Insights)

- **CRUSHING PERFORMANCE:** Current week crush at 7.36 LQ slightly down from 8.16 LQ last week. Till date crush reached 48.20 LQ. Crushing rate improved to 105,214 Qtls/day vs 94,771 last year same period.
- **RECOVERY:** Sugar recovery marginally reduced to 10.48% from 10.53%, till date recovery at 9.72% vs 10.41% last season. Pol in cane increased to 12.86% from 12.55%.
- **LOSSES:** Total losses increased to 2.22% from 1.78% due to rise in molasses loss to 1.61% from 1.18%.
- **POWER:** Power generation improved to 65.66 LU from 63.51 LU last week. Power export at 39.03 LU vs 37.48 LU last week with plant availability at 100% for main equipment.
- **DISTILLERY:** Ethanol production slightly decreased to 7.88 LL from 8.14 LL with capacity utilization 93.37% vs 93.05%. Noted downtime of 6 hours due to evaporator column leakage.
- **SUGAR QUALITY:** DS house ICUMSA stable and improved slightly with M-sugar at 110 IU vs 109 IU last week. RS house ICUMSA improved with L-sugar at 36 IU vs 31 IU previously.
- **CAPEX / PROJECTS:** Mud removal system completion steady at 45%. R3 massecuite boiling ongoing with hopper erection progressing.
- **EHS & SAFETY:** No new fatalities reported. 2 truck accidents reported this week with minor injuries; safety trainings ongoing.

2. Overall Performance

Plant maintained improved crushing rate with 7.36 LQ this week, sustained high availability and power generation. Recovery slightly declines but remain stable while losses increased marginally. Distillery affected by maintenance outage. Focus on reducing molasses losses and sustaining cane supply quality is critical.

3. Benchmark & Comparative Position

Till date crushing and recovery outperform last season by 10.0% and 0.31 pp respectively. Power plant availability improved to 100% from 98.6%. Capacity utilization exceeded target of 94.7% at 105.38%. Losses marginally above target. Industry peer comparison shows Aira Pol in Cane at 12.86% higher than Bajaj Group at 11.91%, and recovery at par with peer range.

4. Cane Planning & Control

Indent maturity at gate improved to 99% from 91%. Center indent at 101%. Pol in Cane increased to 12.86% vs 12.55% last week. Affected cane decreased marginally to 2.9% from

3.2%. Average center cane holding increased to 15.47 hrs from 12.31 hrs indicating more inventory retention. Society-wise supply improved to 99.87%.

5. Engineering & Milling Performance

Plant uptime at 99.84% improved from 94.98%, downtime down to 0:16 hrs from 1:19 hrs last week due to feeder drum and cane carrier trips. Planned stoppage zero vs 4:20 hrs last week. Ever highest crush of 1.091 L Qtls recorded previously maintained over last week performances. Boosted juice flow from 12 Dec.

6. Production Performance

Sugar production up marginally to 0.67 LQ from 0.64 LQ, with bagging improved in DS to 27,183 Qtls and RS to 39,549 Qtls. Recovery solid at 10.99% (CH-RS) and 10.81% (CH-DS). Losses in molasses increased to 1.61% from 1.18%. Steam consumption reduced compared to last week.

7. Power Plant Performance

Total generation at 65.66 LU increased from 63.51 LU last week and power export at 39.03 LU vs 37.48 LU last week. 150 TPH boiler operating at 151.1 TPH and PLF of 98.21%. 4 MW turbine availability improved to 99.20%. Power consumption per ton cane lowered to 31.04 KWH.

8. Distillery Performance

Ethanol production at 7.88 LL down from 8.14 LL, capacity utilization steady at 93.37%. Downtime of 6 hours impacted output. Ethanol recovery at 7.27 BL/Qt (Syrup) and distillation efficiency at 98.62%. Feedstock quality consistent with B-heavy syrup.

9. Quality Control & EHS

Total losses increased to 2.22% from 1.78% due to increased molasses losses. No fatalities in safety, minor injuries reported from truck accidents. Several safety trainings held and near-miss reports addressed promptly. Certification audit scheduled for Feb 2026.

Risks & Watch-outs for the Coming Week

- Molasses losses increased to 1.61%, requires immediate focus.
- Extended vehicle holding times at key centers like Belhaura and Shekhpur impacting logistics efficiency.
- Downtimes due to mechanical failures especially spindles and clutch plates.
- Evaporator column leakage caused distillery downtime affecting ethanol production.
- Increasing cane holding time could impact cane quality; monitoring required.

TABLE A – Quantitative Discussion

KPI	Current Week	Last Week	Till Date	WoW Change
Cane Crushed (LQ)	7.36	8.16	48.20	-
Sugar Recovery (%)	10.48%	10.53%	9.72%	-
Sugar Produced (LQ)	0.67	0.75	3.84	-
Capacity Utilization (%)	105.14%	102.01%	98.36%	-

KPI	Current Week	Last Week	Till Date	WoW Change
Total Losses (%)	2.22%	1.78%	1.91%	+
Pol % Bagasse	1.72%	1.72%	1.77%	Flat
Bagasse Moisture	50.08%	50.03%	50.16%	-
Power Generation (LU)	65.66	63.51	441.89	+
Power Export (LU)	39.03	37.48	264.01	+
Power PLF - 30.85 MW (%)	98.21%	95.38%	-	-
Ethanol Produced (LL)	7.88	8.14	52.46	-
Distillery PUF (%)	93.37%	93.05%	95.25%	+
Steam Consumed (Kg/BL)	4.35	4.18	4.14	+

TABLE B – Qualitative Discussion

Area	Current Week Narrative	Change vs Last Week
Engineering	Plant operation consistent; crush rate maintained above 1.05 L/day. Ever highest weekly crush 7.365 LQ recorded. Downtime reduced to 0:16 hrs from 1:19. Juice flow increased post 12 Dec.	Improved uptime, reduced downtime. Juice flow increased.
Cane	Indent maturity excellent at gate 99%, center 101%. Pol in Cane up to 12.86%. Cane supply balance improved with yard stocks stable. Vehicle holding prolonged at few centers.	Improved indent maturity and cane supply; vehicle holding issues noted.
Production	Sugar production steady with marginal increase. R3 boiling ongoing. Refinery and DS house operations stable. Molasses losses increased.	Slight increase in production; molasses losses worsened.
Power	Power generation and export increased. Boiler operations stable, 150 TPH boiler at 151.1 TPH. Turbine PLF improved to 98.21%.	More power generation and improved plant availability.
Distillery	Production impacted by 6 hrs downtime from evaporator leakage. Efficiency steady; feedstock quality consistent.	Downtime negatively impacted production; efficiencies stable.
Quality/EHS	Total losses increased mainly due to molasses. Safety trainings ongoing; two minor accidents reported with timely actions.	Losses increased; safety performance maintained.
Capex	Mud removal system 45% complete. R3 boiling and related plant erection progressing.	Steady progress in capex projects.
Risks	Urgent action needed for molasses loss control. Vehicle holding times and mechanical failures risk operational efficiency.	Molasses loss and mechanical failures rising; requires focus.

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.