

WEEKLY LEADERSHIP REVIEW

Gobind Sugar Mill, Aira

Week: 20 Dec 2025 vs Previous Week (13 Dec 2025)

Season Days: undefined

PART 1 – INSIGHT NARRATIVE

1. Executive Summary (Key Insights)

- **CRUSHING PERFORMANCE:** Crushing increased slightly from 7.36 LQ to 7.44 LQ while achieving 55.63 LQ till date. Seasonal average crush was 99343 Qtls/day vs last week's 98361 Qtls/day. Capacity utilization rose marginally to 106.21% from 105.14%.
- **RECOVERY:** Sugar recovery was stable at 10.43% vs 10.48% last week, with till-date recovery at 9.81% up from 9.72%. Pol in cane increased to 12.92% from 12.86% last week.
- **LOSSES:** Total losses increased slightly to 2.47% from 2.22%, driven mainly by losses in molasses at 1.86% vs 1.61% last week. Bagasse and filter cake losses remained unchanged.
- **POWER:** Power generation remained flat at 65.38 LU vs 65.66 LU while power export declined marginally to 38.00 LU from 39.03 LU. Plant availability was at 100% for boilers and turbines.
- **DISTILLERY:** Ethanol production rose to 8.33 LL from 7.88 LL with capacity utilization improving to 95.21% from 93.37%. Zero downtime reported this week.
- **SUGAR QUALITY:** Sugar quality remained stable with DS House ICUMSA M-sugar at 103 vs 110 last week; RS House ICUMSA L-sugar improved to 32 from 36.
- **CAPEX / PROJECTS:** Mud Removal System (Decanter) reached 60% completion, up from 45%. Refinery house IER regeneration sprinkling system and recycling system of pump gland cooling water under progress. R3 boiling and curing arrangement completed.
- **EHS & SAFETY:** No accidents reported for the week. Regular safety trainings for truck drivers and growers ongoing. Near miss and hazard observations addressed promptly.

2. Overall Performance

The plant demonstrated steady operational performance with marginal improvements in crushing, capacity utilization, and distillery production. Recovery remained stable while losses saw a slight increase, mainly due to molasses. Power generation was stable with slight export decrease. Capex projects are progressing as planned. Operational discipline with 100% plant availability maintained.

3. Benchmark & Comparative Position

Compared to peers, the mill's cane crush on date at 106000 Qtls leads regional averages and peer range on pol in cane and recovery remains competitive at 10.44%. Capacity utilization and power plant PLF showed positive health above targets. Payment and cane supply compared favorably within region.

4. Cane Planning & Control

Indent maturity improved with gate indent at 93% (down from 99%), center maturity at 96% (down from 101%). Cane purchase rate increased to 1.06 LQ vs 1.05 previous week. Affected cane reduced to 1.6% in yard sampling. Top 10 and bottom 10 indent centers identified with focused action on water logged and dead growers.

5. Engineering & Milling Performance

Engineering showed 99.53% utilization maintaining operational uptime. Downtime increased slightly to 0.47 hrs from 0.16, largely due to feeder drum and cane carrier trippings caused by overloads. Preventive maintenance actions like top roller groove cleaning conducted. Shredder vibration and power metrics stable.

6. Production Performance

Sugar production steady at 0.64 LQ vs 0.67 LQ last week. Recovery for CH-RS improved to 11.18%, B-Mol recovery DS rose to 6.45%. Quality parameters met targets with minimal losses. Steam and power consumptions steady and within expected ranges.

7. Power Plant Performance

Power plant operated robustly with 151.3 TPH steam generation and 29.39 MW average turbine load. Boilers and turbine PLF above target levels. Increased sugar plant process power consumption at 29.93% of generation. Aux consumptions stable.

8. Distillery Performance

Distillery recovered efficiency with ethanol production at 8.33 LL and fermentation efficiency rising to 91.06%. Steam and power consumptions improved, with feedstock quality remaining consistent on syrup. Zero downtime for the week.

9. Quality Control & EHS

Total losses slightly increased but within manageable limits. Sugar quality indicators stable with positive trends in ICUMSA. EHS reports showed no accidents and timely resolution of near misses and hazards.

Risks & Watch-outs for the Coming Week

- Indent failure persists with KCC loan, dead growers and uproot ratoon as major reasons.
- Mechanical risks with high downtime due to clutch plate failures and major engine seizure noted in cane loader performance.
- Molasses losses increased slightly; monitoring required.
- Overload induced stoppages on feeder drums and cane carriers need attention.
- Safety hazards mitigated with ongoing training and monitoring.

TABLE A – Quantitative Discussion

KPI	Current Week	Last Week	Till Date	WoW Change
Cane Crushed (LQ)	7.44	7.36	55.63	+1.08%
Sugar Recovery (%)	10.43%	10.48%	9.81%	Stable
Sugar Produced (LQ)	0.64	0.67	4.48	-4.48%

KPI	Current Week	Last Week	Till Date	WoW Change
Capacity Utilization (%)	106.21%	105.14%	99.34%	+1.07pp
Total Losses (%)	2.47%	2.22%	2.00%	+0.25pp
Pol % Bagasse	1.71%	1.72%	1.76%	Stable
DS ICUMSA (M-sugar)	103	110	110	-6.36%
Power Generation (LU)	65.38	65.66	507.27	-0.43%
Power Export (LU)	38.00	39.03	302.01	-2.64%
Power PLF - 30.85 MW (%)	97.96%	98.21%	-	-0.25pp
150 TPH Boiler (TPH)	151.3	151.1	150.5	+0.13%
Ethanol Produced (LL)	8.33	7.88	60.79	+5.70%
Distillery PUF (%)	95.21%	93.37%	95.24%	+1.84pp
Fermentation Eff. (%)	91.06%	90.76%	-	+0.30pp
Steam Consumed (Kg/BL)	4.02	4.35	4.12	-7.59%

TABLE B – Qualitative Discussion

Area	Current Week Narrative	Change vs Last Week
Engineering	Uptime at 99.53%. Downtime increased to 0.47 hrs from 0.16 hrs mainly due to feeder drum and cane carrier trippings caused by overload. Preventive maintenance performed on Mill No-1 top roller.	Downtime increased; preventive maintenance ongoing.
Cane	Indent maturity at gate slipped to 93% from 99%, center maturity at 96% from 101%. Pol in cane increased to 12.92%. Focus on water logged areas and dead growers.	Slight decrease in indent maturity; active actions on failure reasons.
Production	Sugar production slightly decreased to 0.64 LQ. Recovery steady, with stable quality parameters. Molasses losses increased slightly.	Minimal changes; losses in molasses require monitoring.
Power	Power generation stable with marginal decrease. Export down to 38 LU from 39.03 LU. Aux consumption stable. Boiler utilizations high with PLF above targets.	Stable generation with marginal export decline.
Distillery	Ethanol production improved to 8.33 LL with better fermentation efficiency. Zero downtime maintained. Feedstock quality consistent.	Improved ethanol output and efficiency.
Quality/EHS	Total losses marginally increased primarily due to molasses. No accidents this week. Safety trainings ongoing.	Losses up slightly; continuous EHS focus.

Area	Current Week Narrative	Change vs Last Week
Capex	Mud Removal System progress at 60%. Refinery house projects ongoing. R3 boiling and curing arrangements completed.	Progress on capex continuing as planned.
Risks & Watch-outs	Indent failures due to KCC loans and dead growers persist. High downtime at certain loader centers due to clutch failure and engine seizure. Monitor molasses losses and overload induced stoppages.	Maintain vigilance on indent failures and engineering maintenance.

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.