Plant Performance @ 17-Dec-2019 | **Seohara** | **Crop Day @ 42**

Avadh Sugar & Energy Ltd. Unit- Seohara (246746)

#	Description	Unit	On Date	To Date	Description - Steam	Unit	On Date	To Date	Description	On Date			To Date			
1	**General**				**-Live Steam Generation**	**Qtls.**	**26280.00**	**887690.00**	**Analysis**	**Brix%**	**Pol%**	**Purity**	**Ph**	**Brix%**	**Pol%**	**Purity**
2	Cane Crushed	Qtls	112000.00	4127800.00	Live Steam Cons.	Qtls	26040.00	879170.00	Primary Juice	19.34	16.15	83.51	5.21	19.21	15.91	82.82
3	Avg Crushed	qtl/day	112000.00	98280.95	-Power Turbine	Qtls.	7280.00	229000.00	Mixed Juice	13.76	11.31	82.19	5.24	13.73	11.17	81.35
4	Pol in Cane	%cane	13.78	13.48	Bleeding in proc., 9 ATA	Qtls.	0.00	15880.00	Last M. Juice	1.63	1.22	74.85	-	1.642	1.218	74.180
5	**Losses**	%			-De Sup. Heating.	Qtls.	990.00	58670.00	Clear Juice	13.60	11.20	82.35	7.04	13.63	11.14	81.73
6	Bagasse	%cane	0.46	0.45	Drain & Pipe Loss	Qtls.	131.40	4438.50	Unsul. Syrup	66.25	54.40	82.11	6.28	65.03	52.74	81.10
7	Filter Cake	%cane	0.08	0.07	Exhaust steam generation	Qtls.	26280.00	887690.00	Sulpher Syrup	65.19	53.25	81.68	-	64.27	52.66	81.94
8	Molasses	%cane	2.83	2.74	Exhaust steam consumption	Qtls.	45400.00	1679540.00	Filtrate Juice	11.50	8.79	76.43	-	11.68	8.93	76.46
9	Underermined	%cane	0.02	0.04	Steam cons. With Desu. Het. Wat.	%	40.54	40.69	A- Massecuite	91.86	81.73	88.97	-	92.13	79.85	86.67
10	TOTAL	%cane	3.40	3.29	Steam cons. Without Desu.Het. Wat.	%	39.65	39.27	A1-Massecuite	91.30	67.30	73.71	-	92.13	72.33	78.50
11	Recovery	%cane	10.40	10.20	Power Generation From Co-Gen	KWH	437200.00	18409960.00	B-Massecuite	94.78	68.08	71.83	-	94.17	64.95	68.97
12	Fiber	%cane	12.71	12.65	Power From Sugar	KWH	85640.00	2694061.00	C-Massecuite	0.00	0.00	0.00		0.00	0.00	0.00
13	Net. M. Juice	%cane	117.82	116.68	Power Exported from Co-gen	KWH	260400.00	11033800.00	C1-Massecuite	0.00	0.00	0.00		0.00	0.00	0.00
14	Dirt Correction	%MJ	0.50	0.48	Power=>Import(Co-gen)	KWH	131730.00	6724256.00	A-Heavy	80.87	57.55	71.17	-	80.13	53.39	66.64
15	Cane				D.G. Set	KWH	0.00	0.00	A1-Heavy	83.24	52.04	62.52		82.02	53.07	64.70
16	Java Ratio		85.33	84.73	TOTAL POWER	KWH	217370.00	9418317.00	B-Heavy	88.51	44.07	49.79		88.71	43.00	48.47
17	Dry Mill Factor		72.12	72.37	Power/Ton Cane	-	19.41	22.82	C1-Heavy	0.00	0.00	0.00		0.00	0.00	0.00
18	Early Cane	%	100.00	99.97	Power/Ton Sugar	-	19.00	23.13	A-Light	69.82	61.38	87.92		71.43	56.82	79.54
19	General Cane	%	0.00	0.03	Consumable/Store				C-Light	0.00	0.00	0.00		0.00	0.00	0.00
20	Reject Cane/Burnt	%	0.00/0.00	0.00/0.02	Sulpher	%	0.06	0.01	Final Molasses	88.31	44.07	49.90		88.67	43.00	48.49
21	Farm Cane	%	2.30	1.41	Lime	%	0.20	0.11	Seed	86.73	85.57	98.65		85.89	83.54	97.26
22	Gate Cane	%	43.15	40.50	Phosphoric Acid	%	0.00	0.00	Melt	69.02	65.68	95.17		67.49	62.01	91.88
23	Centre Cane	%	54.55	58.09	Viscosity Reducer	%	0.11	0.08	C Single Sugar	0.00	0.00	0.00		0.00	0.00	0.00
24	MILLS				Biocide	%	0.09	0.09	C-Double Sugar	0.00	0.00	0.00		0.00	0.00	0.00
25	Preparatory Index	%	91.08	90.35	Color Reducer	%	0.22	0.03	B Sugar	97.90	94.93	96.97		97.87	90.48	92.45
26	Maceration	%Cane	45.71	44.31	Magnafloe	%	0.01	0.03	**ICUMSA Color**	On Date	To Date	**Tube Well Turning Status**				
27	Maceration	%Fiber	359.64	350.28	-LUBRICANTS		0.09	0.14	Sugar L-31	117	120.00	**Duration(In Hrs)**			24.00	1262
28	Bagasse Pol	%	1.68	1.66	Grease		0.00	0.10	Sugar M-31	128	126.00	**ETP Water Flow M³/hr**			83.00	76.29
29	Bagasse Moist	%	51.18	51.02	Boiler Chem.	-	0.02	0.02	Sugar S-31	134	138.00	**P2O5 PPM**		**CaO PPM**		
30	Bagasse Quantity	%Cane	27.29	27.06	Down Time				Primary Juice	15712.00	15884.80	**On Date**	**To Date**	**On Date**	**To Date**	
31	Added Water Ext in M.J	%a.w	74.37	75.12	Mechanical	h-m%	00:00	09:10	Mixed Juice	23971.00	23971.00	**300.00**	**309.88**	**870.00**	**1243.90**	
32	Mill Extr.	%	96.67	96.67	Process	h-m%	00:00	00:19	Clear Juice	14719.00	15434.83	**110.00**	**100.37**	**1300.00**	**1138.29**	
32	Reduced Mill Extr.	%	96.73	96.72	No Cane & Slow Rate	h-m%	00:00	02:36	Ret% M Grain	-	-	**E.T.P. Treated Water Data**				
34	ERQV MJ/PJ	%	97.60	97.29	Misc	h-m%	00:00	00:08	Overtime Wages(Rs)			**Param**	**Today**	**To Date**	**Units**	
35	ERQV LJ/PJ	%	84.24	84.07	Gen. Cleaning	h-m%	00:00	00:00	Engg.Replacement			**pH**	7.80	7.84	-	
36	Undiluted J. Lost%Fiber	%Fiber	24.87	24.83	Festival	h-m%	00:00	00:00	Engg.Extra			**TSS**	16.00	19.21	-	
37	Undiluted Juice	%Cane	86.97	86.57	Incl Weather	h-m%	00:00	48:44	Mfg Replacement			**COD**	66.00	86.14	mg/liter	
37	Undiluted Juice	%Cane	86.97	86.57	Incl Weather	h-m%	00:00	48:44	Mfg Replacement			**COD**	66.00	86.14	mg/liter	
39	**Process**				**Total Down Time**	h-m%	00:00	61:24	**Chem. & Lub. Controlling Parameter**			**On Date**		**To Date**		
40	Filter Cake Pol	%	1.80	1.79	Plant Availability (crush hrs)	hh:mm	24:00	946:36	Particulars	Qty	Amt(Rs.)	**Rs/Bag**	Rs/Cane	Amount	Rs/Bag	Rs/Cane
41	Filter Cake Qty	Qtl	5099.00	169675.00	Process Indicators				Process Chemical							
42	F Mol. estimated	%Cane	6.42	6.36	A Massecuite Volume	H.L.	17100.00	92650.00	Boiler Chemical							
43	F Mol. Sent Out	%Cane	5.52	5.95	B Massecuite	H.L.	0.00	152544.00	Oil & Grease							
44	F Mol. Sent Out	Qtl	6181.25	245562.65	C Massecuite	H.L.	0.00		**Last Season Data**	**Crop Day**		**On Date**		**Drain Water Analysis**		
45	TRS in F Mol.	%	60.25	59.24	A massecuite exhaustion	Unit	17.80	20.03		**Today**	**ToDate**	**Today**	**ToDate**	**Mill House Drain Water**		
46	RS in F Mol.	%	15.49	16.88	B massecuite exhaustion	Unit	22.04	20.50	Cane Crushed	-	-	-	-	pH	-	
47	Water consumption @ R.V.F	%cane	5.21	4.27	C massecuite exhaustion	Unit	-	-	Avg. Crush Day	-	-	-	-	Traces	-	
48	House Stock(Sugar in Proc.)	Qtls	203.77	16033.29	**Plantation White Sugar**				**Recovery**	-	-	-	-	**Pol%**	-	
49	Boiling House Recovery	%	78.02	78.24	**L-31**	Qtls	480	1195	**Losses**	-	-	-	-	**Main Drain Water**		
50	Reduced B/H Recovery	%	82.10	83.25	**M-31**	Qtls	9855	43890	**Pol**					ph		
51	Clerification Eff.	%	1.09	2.49	**S-31**	Qtls	1105	12115	**Stoppage(Hr-Min%)**					Traces		

52	Condensate Recovery	%	93.82	92.58	**Total Sugar Bagged**	Qtls	11440	407200	**Sugar Production**					Pol%		