

OVERALL CAPACITY UTILISATION AT DWARIKESH

Season Year Ended	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	2012-13	2011-12	2010-11	2009-10	2008-09	2007-08	2006-07
Installed Capacity (TCD) DN	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500	6500
DP	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500
DD	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500
Sugarcane Crushed (Ave TCD) DN	6403	6308	6393	6169	5962	5990	5289	5373	5320	4826	4882	4958	4893	4749	4258	5098	4964
DP	6428	6366	6407	5929	5807	6009	5802	5748	5885	5568	5686	5375	4459	4854	4336	5636	5368
DD	7042	7134	7217	6930	6623	6586	6378	6101	6102	6247	5717	5634	5421	5172	4572		
Capacity Utilisation (%) DN	98.50	97.04	98.35	94.91	91.73	92.16	81.38	82.66	81.85	74.24	75.1	76.27	75.27	73.07	65.51	78.43	76.37
DP	85.71	84.87	85.42	79.06	77.42	80.12	77.36	76.64	74.46	74.24	75.81	71.66	59.46	64.72	57.81	75.15	71.57
DD	93.90	95.12	96.22	92.41	88.31	87.81	85.04	81.34	81.35	83.29	76.23	75.12	72.28	68.96	60.96	68.25	
Recovery (%) DN	7.61	10.68	10.97	12.00	12.44	12.24	12.34	12.12	11.11	10.47	10.32	10.16	10.3	10.31	10.31	10.64	10.58
DP	10.08	10.57	11.07	12.42	12.24	12.24	12.11	11.77	10.98	10.52	10	9.73	9.47	9.77	9.93	10.33	10.07
DD	6.58	10.08	12.08	12.39	12.24	11.24	10.89	11.16	10.14	9.65	9.15	9.09	8.55	8.77	8.61	10.27	
No. of days cane crushed DN	227	208	203	208	175	197	173	146	156	141	159	155	141	140	119	142	169
DP	227	207	200	202	175	188	169	127	139	131	148	147	132	134	106	127	166
DD	157	163	168	183	153	203	148	98	113	111	143	145	113	114	66	99	

OPERATING RESULTS AND TECHNICAL EFFICIENCY for Dwarikesh Nagar

Dwarikesh Nagar (DN) Particulars	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	2012-13	2011-2012	2010-2011	2009-2010	2008-2009	2007-2008	2006-2007
Days	227	208	203	208	175	197	173	146	156	141	159	155	141	140	119	142	169
Total days actual crushing	237.23	216.59	213.67	213.3	180.32	202.69	178.27	149.74	158.12	137.61	156.66	156.48	141.74	134.88	105.35	143.68	163.57
Total hours actual crushing	5219.03	4765.06	4700.77	4692.68	3967.08	4459.12	3921.85	3294.25	3478.72	3027.33	3446.48	3442.57	3118.3	2967.27	2317.75	3160.79	3598.55
Total hours lost (including hours lost on account of farmers' strike)	220.64	213.86	165.48	290.99	228.75	257.55	224.15	199.38	260.37	331.75	354.10	266.77	257.62	375.57	536.9	237.45	451.3
Total cane crushed (million quintals)	14.51	13.09	12.96	12.81	10.42	11.77	9.14	7.82	8.29	6.75	7.73	7.66	6.88	6.61	5.06	7.22	8.38
Total net sugar bags (quintals)	1104840	1397057	1421800	1536915	1296625	1441423	1127722	948800	920511	707397	797890	778198	710349	683165	5,22,037	7,68,075	8,86,127
Total molasses produced (quintals)	664946	826700	764050	594650	422842	489314	371084	316512	342454	287882	351722	341628	301098	296170	2,16,706	3,11,002	3,62,998
Recovery percentage	7.61	10.68	10.97	12.00	12.44	12.24	12.34	12.12	11.11	10.47	10.32	10.16	10.3	10.31	10.31	10.64	10.58
Final molasses percentage cane	4.58	6.32	5.89	4.64	4.06	4.16	4.06	4.04	4.13	4.26	4.55	4.46	4.37	4.47	4.28	4.31	4.33
Bagasse percentage cane	28.81	27.90	26.45	28.06	27.79	27.21	28.80	33.25	32.43	32.99	31.46	31.34	32.48	31.71	30.67	32.71	34.5
Filter cake percentage	3.91	4.19	4.46	4.48	4.71	4.50	4.50	4.43	4.15	5.42	5.01	5.49	4.9	5.75	4.51	3.97	3.94
Down time percentage	4.06	4.30	3.40	5.84	5.45	5.46	5.41	5.71	6.96	9.88	9.32	7.19	7.63	11.23	18.81	6.99	11.14
Total losses percentage	6.33	3.40	3.16	2.17	1.77	1.76	1.75	1.82	1.70	1.79	1.83	1.82	1.85	1.89	1.84	1.92	2.04
Steam consumption per tonne with relation to cane crushed percentage	43.33	45.97	46.07	47.39	48.28	48.80	53.33	53.16	53.44	55.81	55.25	53.75	54.65	53.2	53.45	52.76	55.13

TECHNICAL EFFICIENCY ACHIEVED V/S INDUSTRY NORMS-DN unit

	Targets fixed by the Government	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	2012-13	2011-2012	2010-2011	2009-2010	2008-2009	2007-2008
Reduced Mill Extraction (RME - minimum)	95%	96.22	96.21	96.22	96.12	95.88	95.89	95.8	92.91	96.47	96.48	96.67	96.59	96.31	96.5	96.51	96.43

Reduced Boiling House Recovery (RBHR - minimum in case of C heavy)	90%	59.49	81.31	82.27	88.88	91.66	91.72	91.96	91.94	92.22	91.81	91.61	91.37	91.08	90.94	91.08	90.99
Total Sugar Loss Percentage Cane (maximum) In case of C heavy molasses	2%	6.33	3.40	3.16	2.17	1.77	1.76	1.75	1.82	1.70	1.79	1.83	1.82	1.85	1.89	1.84	1.92
Steam percentage cane (maximum)	50%	43.33	45.97	46.07	47.39	48.28	48.80	53.33	53.16	53.44	55.81	55.25	53.75	54.65	53.2	53.45	52.76
Down Time Including General Cleaning	10%	4.06	4.30	3.40	5.84	5.45	5.46	5.41	5.71	6.96	9.88	9.32	7.19	7.63	11.23	18.81	6.99
Down Time Excluding General Cleaning	4.50%	3.15	3.39	2.14	4.86	4.21	3.69	3.97	4.15	5.83	8.91	8.71	6.38	7.16	11	18.47	5.87

At Dwarkesh Nagar producing B Heavy molasses from season 2019-20 patially and from 2020-21 B heavy , In the crushing season 2022-23 process followed on Bheavy and cane juice syrup diverted to distillery

OPERATING RESULTS AND TECHNICAL EFFICIENCY for Dwarkesh Puram (DP)

Particulars	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	2012-13	2011-2012	2010-2011	2009-2010	2008-2009	2007-2008	2006-2007
Days	227	207	200	202	175	188	169	127	139	131	148	147	132	134	106	127	166
Total days actual crushing	237.64	218.19	212.37	211.05	181.38	200.4	175.18	132.33	144.34	133.76	152.95	152.74	115.38	121.81	89.5	125.05	155.55
Total hours actual crushing	5228.11	4800.11	4672.23	4643.12	3990.29	4408.73	3853.87	2911.33	3175.38	2942.73	3364.88	3360.27	2538.43	2679.85	1968.98	2751.13	3422.07
Total hours lost (including hours lost on account of farmers' strike)	213.19	155.64	120.52	192.63	197.79	91.19	197.43	128.55	149.62	188.18	176.53	162.23	620.93	525.4	563.63	284.85	555.18
Total cane crushed (million quintals)	14.57	13.14	12.79	11.95	10.133	11.266	9.79	7.28	8.15	7.26	8.39	7.89	5.87	6.48	4.58	7.13	8.9
Total net sugar bags (quintals)	1468440	1389045	1416635	1484250	1240605	1379135	1185936	856652	895261	764090	838650	767410	557845	634460	4,54,380	7,36,265	8,95,500
Total molasses produced (quintals)	960207	804772	727613	447825	414519	480847	401045	291823	334079	305402	391195	363314	276585	301650	2,11,524	3,21,448	4,54,700
Recovery percentage	10.08	10.57	11.07	12.42	12.24	12.24	12.11	11.77	10.98	10.52	10.00	9.73	9.47	9.77	9.93	10.33	10.07
Final molasses percentage cane	6.59	6.12	5.69	3.75	4.09	4.27	4.09	4.01	4.10	4.20	4.66	4.61	4.71	4.65	4.62	4.51	5.11
Bagasse percentage cane	27.68	27.06	27.79	28.87	30.452	27.084	27.91	28.55	30.31	31.98	31.69	31.15	31.81	31.17	32.17	33.63	32.6
Filter cake percentage	4.64	4.78	4.41	4.49	4.679	4.188	4.37	4.51	4.78	4.76	4.76	5.15	5.46	5.05	4.48	3.98	4.2
Down time percentage	3.92	3.14	2.51	3.98	4.72	2.03	4.87	4.23	4.50	6.01	4.98	4.61	19.65	16.39	22.25	9.38	13.96
Total losses percentage	3.41	3.21	2.94	1.60	1.737	1.661	1.61	1.62	1.61	1.66	1.81	1.76	1.926	1.962	1.966	1.971	2.212
Steam consumption per tonne with relation to cane crushed percentage	40.56	40.63	41.36	43.80	43.13	43.44	43.91	44.72	45.74	47.73	46.96	47.18	49.88	49.19	50.36	49.19	48.35

TECHNICAL EFFICIENCY ACHIEVED V/S INDUSTRY NORMS DP unit

Norms	Targets fixed by the Government	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	2012-13	2011-2012	2010-2011	2009-2010	2008-2009	2007-2008	2006-2007
Reduced Mill Extraction (RME - minimum)	95%	96.67	96.77	96.63	96.63	96.69	96.77	96.75	96.78	97.02	97.14	97.44	97.46	97.27	96.89	96.68	96.61	96.52
Reduced Boiling House Recovery (RBHR - minimum in case of C heavy)	90%	81.48	82.07	83.63	92.27	91.75	92.17	92.28	92.17	92.26	92.51	91.84	92.15	91.43	91.01	91.1	91.35	90.48
Total Sugar Loss Percentage Cane (maximum) In case of C heavy molasses	2%	3.41	3.21	2.94	1.60	1.74	1.66	1.61	1.62	1.61	1.66	1.81	1.76	1.93	1.96	1.97	1.97	2.21
Steam percentage cane (maximum)	50%	40.56	40.63	41.36	43.80	43.13	43.44	43.91	44.72	45.74	47.73	46.76	47.18	49.88	49.19	50.36	49.19	48.35
Down Time Including General Cleaning	10%	3.92	3.14	2.51	3.98	4.72	2.03	4.87	4.23	4.50	6.01	4.98	4.61	19.65	16.39	22.25	9.38	13.96
Down Time Excluding General Cleaning	4.50%	2.85	2.10	1.21	2.68	3.52	0.95	3.7	2.93	3.50	5.20	4.72	3.73	19.42	16.39	21.92	7.92	13.1

At Dwarkesh Puram producing B Heavy molasses from season 2020-21

OPERATING RESULTS AND TECHNICAL EFFICIENCY for Dwarikesh Dham

Particulars	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	2012-13	2011-2012	2010-2011	2009-2010	2008-2009	2007-2008
Days	157	163	168	183	153	203	148	98	113	111	143	145	113	114	66	99
Total days actual crushing	161	171.54	177.60	193.05	161.78	213.79	154.77	101.50	114.96	113.02	143.56	147	111.77	107.86	59.72	87.75
Total hours actual crushing	3542.07	3773.79	3907.31	4247.08	3559.15	4703.48	3404.83	2232.92	2529.13	2486.42	3158.33	3234.02	2458.95	2372.85	1313.75	1930.57
Total hours lost (including hours lost on account of farmers' strike)	218.83	124.71	110.02	137.09	110.52	143.93	135.50	106.65	171.12	146.57	258.73	240.73	244.13	343.98	264.5	433.48
Total cane crushed (million quintals)	11.04	11.59	12.08	12.66	10.1268	13.301	9.408	5.947	6.86	6.85	8.14	8.16	6.11	5.86	3.01	5.04
Total net sugar bags (quintals)	725875	1167815	1459618	1567955	1239857	1495298	1024515	665433	695766	661266	744505	741195	522085	514082	258461	5,17,759
Total molasses produced (quintals)	494700	717999	534411	490520	401558	627000	412153	253363	310027	300935	423417	431091	347395	307785	161404	2,72,652
Recovery percentage	6.58	10.08	12.08	12.39	12.24	11.24	10.89	11.16	10.14	9.65	9.15	9.09	8.55	8.77	8.61	10.27
Final molasses percentage cane	4.48	6.20	4.42	3.87	3.97	4.71	4.38	4.26	4.52	4.39	5.20	5.28	5.69	5.25	5.37	5.41
Bagasse percentage cane	28.81	26.98	27.24	28.03	29.294	29.008	30.088	29.273	31.12	30.56	33.15	32.375	32.546	30.42	32.77	34.07
Filter cake percentage	4.21	4.31	4.36	4.28	4.604	4.367	4.13	4.40	4.56	4.82	4.64	4.145	4.228	3.88	4.06	3.74
Down time percentage	5.82	3.20	2.74	3.13	3.01	2.97	3.83	4.56	6.34	5.57	7.57	6.93	9.03	12.66	16.76	18.34
Total losses percentage	6.15	3.15	1.81	1.72	1.704	1.863	1.749	1.737	1.72	1.68	1.92	1.903	2.071	2.04	2.15	2.14
Steam consumption per tonne with relation to cane crushed percentage	38.30	42.6	43.87	44.91	44.49	43.72	43.64	43.80	43.46	44.99	45.75	46.48	46.97	51.01	50.01	52.75

TECHNICAL EFFICIENCY ACHIEVED V/S INDUSTRY NORMS DD unit

	Targets fixed by the Government	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	2012-13	2011-2012	2010-2011	2009-2010	2008-2009	2007-2008
Reduced Mill Extraction (RME - minimum)	95%	96.69	96.70	96.59	96.55	96.72	96.76	97.24	97.20	97.41	97.52	97.42	97.48	97.37	96.86	96.66	96.63
Reduced Boiling House Recovery (RBHR - minimum in case of C heavy)	90%	64.15	82.21	91.23	91.56	91.72	91.81	91.55	91.38	91.42	91.92	91.66	91.6	90.87	90.92	91.21	90.43
Total Sugar Loss Percentage Cane (maximum) In case of C heavy molasses	2%	6.57	3.15	1.81	1.72	1.70	1.86	1.75	1.74	1.72	1.68	1.92	1.9	2.07	2.04	2.15	2.14
Steam percentage cane (maximum)	50%	38.30	42.60	43.87	44.91	44.49	43.72	43.64	43.80	43.46	44.99	45.75	46.48	46.97	51.01	50.01	52.75
Down Time Including General Cleaning	10%	5.82	3.20	2.74	3.13	3.01	2.97	3.83	4.56	6.34	5.57	7.57	6.93	9.03	12.66	16.76	18.34
Down Time Excluding General Cleaning	4.50%	5.24	3.04	1.69	2.93	1.84	1.80	2.70	3.70	5.82	4.70	7.25	6.93	8.74	12.66	16.76	17.01

At Dwarikesh Dham producing B Heavy molasses from season 20221-22. In the crushing season 2022-23 process followed on Bheavy and cane juice syrup diverted to distillery