

**OVERALL CAPACITY UTILISATION AT DWARIKESH**

Season Year Ended	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Intstalled Capacity (TCD) DN	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
DD	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	7500	
Sugarcane Crushed (Ave TCD) DN	6169	5962	5990	5289	5373	5320	4826	4882	4958	4893	4749	4258	5098	4964
DP	5929	5807	6009	5802	5748	5885	5568	5686	5375	4459	4854	4336	5636	5368
DD	6930	6623	6586	6378	6101	6102	6247	5717	5634	5421	5172	4572		
Capacity Utilisation (%) DN	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	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	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	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	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	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	208	175	197	173	146	156	141	159	155	141	140	119	142	169
DP	202	175	188	169	127	139	131	148	147	132	134	106	127	166
DD	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	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	2012-13	2011-12	2010-11	2009-10	2008-22.11.08 to 21-03-09	2007-26.11.07 to 16-04-08	2006-10.11.06 to 28-04-07
Days	208	175	197	173	146	156	141	159	155	141	140	119	142	169
Total days actual crushing	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	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)	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)	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)	1536915	1296625	1441423	1127722	948800	920511	707397	797890	778198	710349	683165	5,22,037	7,68,075	8,86,127
Total molasses produced (quintals)	594650	422842	489314	371084	316512	342454	287882	351722	341628	301098	296170	2,16,706	3,11,002	3,62,998
Recovery percentage	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	4.64	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	28.06	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	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	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	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	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	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	2012-13	Actual Achievement 2011-2012	Actual Achievement 2010-2011	Actual Achievement 2009-2010	Actual Achievement 2008-2009	Actual Achievement 2007-2008
Reduced Mill Extraction (RME - minimum)	95%	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)	90%	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)	2%	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%	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%	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%	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

**OPERATING RESULTS AND TECHNICAL EFFICIENCY for Dwarikesh Puram (DP)**

Particulars	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	2012-13	2011-12	2010-11	2009-10	2008-19.11.08 to 05-03-09	2007-26.11.07 to 31-03-08	2006-10.11.06 to 25-04-07
Days	202	175	188	169	127	139	131	148	147	132	134	106	127	166
Total days actual crushing	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	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)	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)	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)	1484250	1240605	1379135	1185936	856652	895261	764090	838650	767410	557845	634460	4,54,380	7,36,265	8,95,500
Total molasses produced (quintals)	447825	414519	480847	401045	291823	334079	305402	391195	363314	276585	301650	2,11,524	3,21,448	4,54,700
Recovery percentage	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	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	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	4.49	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	3.98	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	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	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	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	2012-13	Actual Achievement 2011-2012	Actual Achievement 2010-2011	Actual Achievement 2009-2010	Actual Achievement 2008-2009	Actual Achievement 2007-2008	Actual Achievement 2006-2007
		Reduced Mill Extraction (RME - minimum)	95%	96.63	96.69	96.77	96.75	96.78	97.02	97.14	97.44	97.46	97.27	96.89	96.68
Reduced Boiling House Recovery (RBHR - minimum)	90%	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)	2%	1.60	1.737	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%	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%	3.98	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%	2.68	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

**OPERATING RESULTS AND TECHNICAL EFFICIENCY for Dwarikesh Dham**

Particulars	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	2012-13	2011-12	2010-11	2009-10	2008-26.11.08 to 31-01-09	2007-17.12.07 to 25-03-08
	Days	183	153	203	148	98	113	111				143	145
Total days actual crushing	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	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)	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)	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)	1567955	1239857	1495298	1024515	665433	695766	661266	744505	741195	522085	514082	258461	5,17,759
Total molasses produced (quintals)	490520	401558	627000	412153	253363	310027	300935	423417	431091	347395	307785	161404	2,72,652
Recovery percentage	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	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	28.03	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	4.28	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	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	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	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	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	2012-13	Actual Achievement 2011-2012	Actual Achievement 2010-2011	Actual Achievement 2009-2010	Actual Achievement 2008-2009	Actual Achievement 2007-2008
		Reduced Mill Extraction (RME - minimum)	95%	96.55	96.717	96.759	97.237	97.200	97.41	97.52	97.42	97.48	97.37	96.86
Reduced Boiling House Recovery (RBHR - minimum)	90%	91.56	91.721	91.806	91.548	91.375	91.42	91.92	91.66	91.6	90.87	90.92	91.21	90.43
Total Sugar Loss Percentage Cane (maximum)	2%	1.72	1.704	1.863	1.749	1.737	1.72	1.68	1.92	1.9	2.07	2.04	2.15	2.14

Steam percentage cane (maximum)	50%	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%	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%	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