

Comparison of Coal actual Vs As per approved FUP For the month of September 2024

FY 2024-25	Unit	Bhusawal-3					Bhusawal 4& 5				
		As per Fuel Utilisation Plan		Actual available for the month	Actuals for the month	Remarks / Justification for Variation	As per Fuel Utilisation Plan		Actual available for the month	Actuals for the month	Remarks / Justification for Variation
		Annual	Monthly				Annual	Monthly			
Gros. generation	MUs	1467.13	122.26		77.98	63.78%	7446.00	620.50		485.03	78.17%
Net generation	MUs	1306.34	108.86		67.02	61.56%	6999.24	583.27		449.16	77.01%
Coal Quantity		1.036				The reduction in actual generation as compared to the generation considered for FUP includes generation loss due to backing down.					The reduction in actual generation as compared to the generation considered for FUP includes generation loss due to backing down.
Domestic coal	MMT	0.100	0.008	0.202	0.075		0.710	0.059	0.465	0.426	
Imported coal	MMT	0.060	0.005	0.019	0.000		0.340	0.028	0.269	0.004	
Washed coal	MMT	0.876	0.073	0.000	0.000		3.409	0.284	0.000	0.000	
Total	MMT	1.036	0.086	0.221	0.075	86.75%	4.459	0.372	0.734	0.430	115.80%
Wtd. Avg GCV as received- Actual											
Domestic coal	kcal/kg				3141.0					3130.0	
Imported coal	kcal/kg				4750.0					4759.0	
Washed coal	kcal/kg				0.0						
wtd. Avg. GCV of as received coal- actual	kcal/kg				3141.0					3146.3	
Wtd. Avg GCV as received. For fuel plan as per MERC order and for the month considered as per order methodology											
Domestic coal	kcal/kg	3603.7	3603.7		3201.0		3662.8	3662.8		3228.0	
Imported coal	kcal/kg	4783.1	4783.1		4750.0		4792.1	4792.1		4759.0	
Washed coal	kcal/kg	4171.1	4171.1		0.0		4013.0	4013.0			
wtd. Avg. GCV of as received coal- As per MERC order	kcal/kg	4151.8	4151.8		3201.0		4016.7	4016.7		3243.3	
Stack loss	kcal/kg	120.0	120.0				120.0	120.0			
GCV for EC computation	kcal/kg	4031.8	4031.8		3081.0	76.42%	3896.7	3896.7		3124.3	80.18%
						66.30%					92.85%
Landed coal price (with TL)											
Domestic coal	Rs./MT	4241.8	4241.8		4905.9		4161.0	4161.0		5325.3	
Imported coal	Rs./MT	14973.8	14973.8		11944.5		15608.1	15608.1		11367.2	
Washed coal	Rs./MT	5166.5	5166.5				5078.6	5078.6		0.0	
Landed price with TL for Domestic coal	Rs./MT	4241.8	4241.8		4905.9		4161.0	4161.0		5325.3	
Landed price with TL for Total coal	Rs./MT	5645.5	5645.5		4905.9		5735.5	5735.5		5385.7	
Effective Landed coal price -- As per MERC order methodology											
Domestic coal	Rs./Mkcal	1052.1	1052.1		1592.3	0.001592	1067.8	1067.8		1704.5	
Imported coal	Rs./Mkcal	3714.0	3714.0		3876.8		4005.5	4005.5		3638.3	
Washed coal	Rs./Mkcal	1281.5	1281.5				1303.3	1303.3			
Total coal	Rs./Mkcal	1400.3	1400.3		1592.3		1471.9	1471.9		1723.8	
Ratio of Rs./Mkcal as per approved FUP and for actual coal available for the month					1.14					1.17	
ECR	Rs./kWh	4.461			5.052		3.746			4.382	
Ratio of ECR					1.13					1.17	

Comparison of Coal actual Vs As per :

FY 2024-25		Chandrapur # 3 to 7					Chandrapur # 8,9				
	Unit	As per Fuel Utilisation Plan		Actual available for the month	Actuals for the month	Remarks / Justification for Variation	As per Fuel Utilisation Plan		Actual available for the month	Actuals for the month	Remarks / Justification for Variation
		Annual	Monthly				Annual	Monthly			
Gros generation	MUs	11426.92	952.24		721.31	75.75%	7446.00	620.50		260.94	42.05%
Net generation	MUs	10535.616	877.967996		638.33	72.71%	6999.24	583.27		241.59	41.42%
						The reduction in actual generation as compared to the generation considered for FUP includes generation loss due to backing down.					The reduction in actual generation as compared to the generation considered for FUP includes generation loss due to backing down.
Coal Quantity											
Domestic coal	MMT	10.660	0.888	0.792	0.636		3.734	0.311	0.316	0.178	
Imported coal	MMT	0.500	0.042	0.086	0.034		0.520	0.043	0.070	0.019	
Washed coal	MMT	0.000	0.000	0.012	0.012		0.621	0.052	0.015	0.015	
Total	MMT	11.160	0.930	0.890	0.682	73.29%	4.875	0.406	0.402	0.212	52.12%
Wtd. Avg GCV as received- Actual											
Domestic coal	kcal/kg				3143.0					3226.0	
Imported coal	kcal/kg				4684.0					4678.0	
Washed coal	kcal/kg				3766.0					2686.0	
wtd. Avg. GCV of as received coal- actual	kcal/kg				3230.1					3315.0	
Wtd. Avg GCV as received- For fuel plan as per MERC order and for the month considered as per order methodology											
Domestic coal	kcal/kg	3384.2	3384.2		3327.0		3517.9	3517.9		3374.0	
Imported coal	kcal/kg	4754.8	4754.8		4684.0		4735.7	4735.7		4678.0	
Washed coal	kcal/kg	0.0	0.0		3766.0		4105.2	4105.2		3396.0	
wtd. Avg. GCV of as received coal- As per MERC order	kcal/kg	3445.6	3445.6		3401.8		3722.6	3722.6		3490.1	
Stack loss	kcal/kg	120.0	120.0				120.0	120.0			
GCV for EC computation	kcal/kg	3325.6	3325.6		3288.4	98.88%	3602.6	3602.6		3381.8	93.87%
						72.47%					48.92%
Landed coal price (with TL)											
Domestic coal	Rs./MT	4093.9	4093.9		4406.6		3631.8	3631.8		4102.2	
Imported coal	Rs./MT	15559.4	15559.4		11277.6		15041.3	15041.3		11215.8	
Washed coal	Rs./MT	0.0	0.0		4616.7		3776.9	3776.9		4166.7	
Landed price with TL for Domestic coal	Rs./MT	4093.9	4093.9		4406.6		4756.8	4756.8		4102.2	
Landed price with TL for Total coal	Rs./MT	4607.6	4607.6		4749.7		4867.4	4867.4		4731.4	
Effective Landed coal price -- As per MERC order methodology											
Domestic coal	Rs./Mkcal	1231.0	1231.0		1340.1		1008.1	1008.1		1213.0	
Imported coal	Rs./Mkcal	4678.7	4678.7		3429.5		4175.1	4175.1		3316.5	
Washed coal	Rs./Mkcal	0.0	0.0				1048.4	1048.4			
Total coal	Rs./Mkcal	1385.5	1385.5		1444.4		1351.1	1351.1		1399.1	
Ratio of Rs./Mkcal as per approved FUP and for actual coal available for the month					1.04					1.04	
ECR	Rs./kWh	4.097			4.295		3.442			3.609	
Ratio of ECR					1.05					1.05	

Comparison of Coal actual Vs As per :

FY 2024-25	Unit	Khaperkheda # 1 to 4					Khaperkheda # 5				
		As per Fuel Utilisation Plan		Actual available for the month	Actuals for the month	Remarks / Justification for Variation	As per Fuel Utilisation Plan		Actual available for the month	Actuals for the month	Remarks / Justification for Variation
		Annual	Monthly				Annual	Monthly			
Gross generation	MUs	5491.74	457.65		406.85	88.90%	3723.00	310.25		304.02	97.99%
Net generation	MUs	4959.040173	413.2533478		359.03	86.88%	3499.62	291.635		283.59	97.24%
Coal Quantity						The actual generation is almost near to the generation under FUP . Thereduction in actual generation as compared to the generation considered for FUP includes generation loss due to backing down.					The actual generation is almost near to the generation under FUP .
Domestic coal	MMT	2.380	0.198	0.440	0.374		1.180	0.098	0.276	0.223	
Imported coal	MMT	0.260	0.022	0.074	0.003		0.300	0.025	0.026	0.023	
Washed coal	MMT	1.930	0.161	0.004	0.003		0.936	0.078	0.001	0.001	
Total	MMT	4.570	0.381	0.518	0.381	100.08%	2.416	0.201	0.304	0.247	122.93%
Wtd. Avg GCV as received- Actual											
Domestic coal	kcal/kg				3018.0					3018.0	
Imported coal	kcal/kg				4642.0					4642.0	
Washed coal	kcal/kg				3795.0					3795.0	
wtd. Avg. GCV of as received coal- actual	kcal/kg				3039.4					3175.1	
Wtd. Avg GCV as received- For fuel plan as per MERC order and for the month considered as per order methodology											
Domestic coal	kcal/kg	3166.5	3166.5		3198.0		3173.5	3173.5		3198.0	
Imported coal	kcal/kg	4693.4	4693.4		4642.0		4687.2	4687.2		4642.0	
Washed coal	kcal/kg	3853.4	3853.4		3795.0		3848.6	3848.6		3795.0	
wtd. Avg. GCV of as received coal- As per MERC order	kcal/kg	3543.4	3543.4		3216.2		3623.0	3623.0		3337.3	
Stack loss	kcal/kg	120.0	120.0				120.0	120.0			
GCV for EC computation	kcal/kg	3423.4	3423.4		3101.0	90.58%	3668.8	3668.8		3227.0	87.96%
						90.65%					108.12%
Landed coal price (with TL)											
Domestic coal	Rs./MT	3956.0	3956.0		3321.2		3852.9	3852.9		3224.5	
Imported coal	Rs./MT	14842.8	14842.8		12522.4		14928.1	14928.1		12134.6	
Washed coal	Rs./MT	4658.5	4658.5		4850.7		4659.9	4659.9		4842.5	
Landed price with TL for Domestic coal	Rs./MT	3013.4	3013.4		3321.2		4571.6	4571.6		3224.5	
Landed price with TL for Total coal	Rs./MT	4872.1	4872.1		3416.9		5540.8	5540.8		4075.2	
Effective Landed coal price -- As per MERC order methodology											
Domestic coal	Rs./Mkcal	1155.6	1155.6		1071.0		1050.2	1050.2		999.2	
Imported coal	Rs./Mkcal	4335.6	4335.6		4038.2		4068.9	4068.9		3760.3	
Washed coal	Rs./Mkcal	1360.8	1360.8		1101.9		1270.1	1270.1		1262.8	
Total coal	Rs./Mkcal	1423.2	1423.2				1510.2	1510.2			
Ratio of Rs./Mkcal as per approved FUP and for actual coal available for the month					0.77					0.84	
ECR	Rs./kWh	4.218			3.283		4.019			3.254	
Ratio of ECR					0.78					0.81	

Comparison of Coal actual Vs As per :

FY 2024-25	Unit	Koradi # 6					Koradi # 8,9,10				
		As per Fuel Utilisation Plan		Actual available for the month	Actuals for the month	Remarks / Justification for Variation	As per Fuel Utilisation Plan		Actual available for the month	Actuals for the month	Remarks / Justification for Variation
		Annual	Monthly				Annual	Monthly			
Gros generation	MUs	1324.51	110.38		81.27	73.63%	12433.49	1036.12		915.95	88.40%
Net generation	MUs	1181.33225	98.4443544		69.536	70.63%	11687.48389	973.95699		849.78	87.25%
Coal Quantity						The reduction in actual generation as compared to the generation considered for FUP includes generation loss due to backing down.					The actual generation is almost near to the generation under FUP . Thereduction in actual generation as compared to the generation considered for FUP includes generation loss due to backing down.
Domestic coal	MMT	0.000	0.000	0.081	0.050		0.000	0.000	0.312	0.268	
Imported coal	MMT	0.000	0.000	0.000	0.000		0.670	0.056	0.000	0.000	
Washed coal	MMT	0.951	0.079	0.021	0.021		7.677	0.640	0.818	0.445	
Total	MMT	0.951	0.079	0.102	0.072	90.24%	8.347	0.696	1.130	0.713	102.45%
Wtd. Avg GCV as received- Actual											
Domestic coal	kcal/kg				3151.0					3357.0	
Imported coal	kcal/kg				0.0					0.0	
Washed coal	kcal/kg				2768.0					3293.0	
wtd. Avg. GCV of as received coal- actual	kcal/kg				3037.3					3317.1	
Wtd. Avg GCV as received- For fuel plan as per MERC order and for the month considered as per order methodology											
Domestic coal	kcal/kg	3323.1	3323.1		3468.0		3478.1	3478.1		3557.0	
Imported coal	kcal/kg	0.0	0.0		0.0		4720.0	4720.0		0.0	
Washed coal	kcal/kg	3850.9	3850.9		3023.0		4112.9	4112.9		3474.0	
wtd. Avg. GCV of as received coal- As per MERC order	kcal/kg	3850.9	3850.9		3335.8		4161.7	4161.7		3505.2	
Stack loss	kcal/kg	120.0	120.0				120.0	120.0			
GCV for EC computation	kcal/kg	3730.9	3730.9		3215.8	86.20%	4041.7	4041.7		3385.2	83.76%
						77.78%					85.81%
Landed coal price (with TL)											
Domestic coal	Rs./MT	3194.8	3194.8		3890.7		3502.3	3502.3		5063.4	
Imported coal	Rs./MT	0.0	0.0		0.0		14883.5	14883.5		0.0	
Washed coal	Rs./MT	4525.9	4525.9		4976.5		4426.2	4426.2		4524.7	
Landed price with TL for Domestic coal	Rs./MT	3001.7	3001.7		3890.7		3115.6	3115.6		5063.4	
Landed price with TL for Total coal	Rs./MT	4525.9	4525.9		4213.2		5265.7	5265.7		4727.2	
Effective Landed coal price -- As per MERC order methodology											
Domestic coal	Rs./Mkcal	856.3	856.3		1209.9		866.6	866.6		1495.8	
Imported coal	Rs./Mkcal	0.0	0.0		0.0		3682.5	3682.5		0.0	
Washed coal	Rs./Mkcal	1213.1	1213.1		1095.1		1095.1	1095.1			
Total coal	Rs./Mkcal	1213.1	1213.1		1310.1		1302.8	1302.8		1396.4	
Ratio of Rs./Mkcal as per approved FUP and for actual coal available for the month					1.08					1.07	
ECR	Rs./kWh	3.368			3.6		3.119			3.338	
Ratio of ECR					1.07					1.07	

Comparison of Coal actual Vs As per :

FY 2024-25	Unit	Paras # 3,4					Nashik				
		As per Fuel Utilisation Plan		Actual available for the month	Actuals for the month	Remarks / Justification for Variation	As per Fuel Utilisation Plan		Actual available for the month	Actuals for the month	Remarks / Justification for Variation
		Annual	Monthly				Annual	Monthly			
Gros. generation	MUs	3666.10	305.51		259.09	84.80%	4415.04	367.92		182.29	49.55%
Net generation	MUs	3325.150537	277.0958781		229.9752145	82.99%	3940.4232	328.3686		158.295737	48.21%
Coal Quantity						The reduction in actual generation as compared to the generation considered for FUP includes generation loss due to backing down.					The reduction in actual generation as compared to the generation considered for FUP includes generation loss due to backing down, lower coal available due to coal tolling under Case IV agreement
Domestic coal	MMT	2.460	0.205	0.299	0.219		3.250	0.271	0.310	0.173	
Imported coal	MMT	0.000	0.000	0.000	0.000		0.300	0.025	0.123	0.000	
Washed coal	MMT	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	
Total	MMT	2.460	0.205	0.299	0.219	106.67%	3.550	0.296	0.433	0.173	58.36%
Wtd. Avg GCV as received- Actual											
Domestic coal	kcal/kg				3211.0					3241.0	
Imported coal	kcal/kg				0.0					4607.0	
Washed coal	kcal/kg				0.0					0.0	
wtd. Avg. GCV of as received coal- actual	kcal/kg				3211.0					3241.0	
Wtd. Avg GCV as received- For fuel plan as per MERC order and for the month considered as per order methodology											
Domestic coal	kcal/kg	3515.1	3515.1		3293.0		3617.9	3617.9		3241.0	
Imported coal	kcal/kg	0.0	0.0		0.0		4825.6	4825.6		4607.0	
Washed coal	kcal/kg	0.0	0.0		0.0		0.0	0.0		0.0	
wtd. Avg. GCV of as received coal- As per MERC order	kcal/kg	3515.1	3515.1		3293.0		3720.0	3720.0		3241.0	
Stack loss	kcal/kg	120.0	120.0				120.0	120.0			
GCV for EC computation	kcal/kg	3395.1	3395.1		3173.0	93.46%	3600.0	3600.0		3121.0	86.69%
						99.69%					50.59%
Landed coal price (with TL)											
Domestic coal	Rs./MT	4407.2	4407.2		4992.3		4387.9	4387.9		5479.0	
Imported coal	Rs./MT	0.0	0.0		0.0		15711.4	15711.4		0.0	
Washed coal	Rs./MT	0.0	0.0		0.0		0.0	0.0		0.0	
Landed price with TL for Domestic coal	Rs./MT	3115.6	3115.6		4992.3		3115.6	3115.6		5479.0	
Landed price with TL for Total coal	Rs./MT	4407.2	4407.2		4992.3		5344.8	5344.8		5479.0	
Effective Landed coal price -- As per MERC order methodology											
Domestic coal	Rs./Mkcal	1298.1	1298.1		1573.4		1218.9	1218.9		1755.5	
Imported coal	Rs./Mkcal	0.0	0.0		0.0		4364.3	4364.3		0.0	
Washed coal	Rs./Mkcal	0.0	0.0		0.0		0.0	0.0		0.0	
Total coal	Rs./Mkcal	1298.1	1298.1		1573.4		1494.7	1494.7		1755.5	
Ratio of Rs./Mkcal as per approved FUP and for actual coal available for the month					1.21					1.18	
ECR	Rs./kWh	3.51			4.242		4.641			5.466	
Ratio of ECR					1.21					1.18	

Comparison of Coal actual Vs As per :

FY 2024-25	Unit	Parli # 6 & 7					Parli # 8				
		As per Fuel Utilisation Plan		Actual available for the month	Actuals for the month	Remarks / Justification for Variation	As per Fuel Utilisation Plan		Actual available for the month	Actuals for the month	Remarks / Justification for Variation
		Annual	Monthly				Annual	Monthly			
Gross generation	MUs	3723.00	310.25		183.84	59.26%	1861.50	155.13		124.73	80.40%
Net generation	MUs	3376.761	281.39675		160.39	57.00%	1703.2725	141.939375		109.56	77.19%
Coal Quantity						The reduction in actual generation as compared to the generation considered for FUP includes generation loss due to backing down.					The reduction in actual generation as compared to the generation considered for FUP includes generation loss due to backing down.
Domestic coal	MMT	2.624	0.219	0.220	0.149		1.248	0.104	0.115	0.101	
Imported coal	MMT	0.000	0.000	0.000	0.000		0.050	0.004	0.000	0.000	
Washed coal	MMT	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	
Total	MMT	2.624	0.219	0.220	0.149	68.10%	1.298	0.108	0.115	0.101	93.40%
Wtd. Avg GCV as received- Actual											
Domestic coal	kcal/kg				3215.0					3215.0	
Imported coal	kcal/kg				0.0					0.0	
Washed coal	kcal/kg				0.0					0.0	
wtd. Avg. GCV of as received coal- actual	kcal/kg				3215.0					3215.0	
Wtd. Avg GCV as received- For fuel plan as per MERC order and for the month considered as per order methodology											
Domestic coal	kcal/kg	3298.0	3298.0		3217.0		3316.0	3316.0		3215.0	
Imported coal	kcal/kg	0.0	0.0		0.0		0.0	0.0		0.0	
Washed coal	kcal/kg	0.0	0.0		0.0		0.0	0.0		0.0	
wtd. Avg. GCV of as received coal- As per MERC order	kcal/kg	3298.0	3298.0		3217.0		3188.2	3188.2		3215.0	
Stack loss	kcal/kg	120.0	120.0				120.0	120.0			
GCV for EC computation	kcal/kg	3178.0	3178.0		3122.0	98.24%	3068.2	3068.2		3101.0	101.07%
						66.90%					94.40%
Landed coal price (with TL)											
Domestic coal	Rs./MT	6014.8	6014.8		6044.1		6039.9	6039.9		6040.2	
Imported coal	Rs./MT	0.0	0.0		0.0		0.0	0.0		0.0	
Washed coal	Rs./MT	0.0	0.0		0.0		0.0	0.0		0.0	
Landed price with TL for Domestic coal	Rs./MT	3115.6	3115.6		6044.1		4708.5	4708.5		6040.2	
Landed price with TL for Total coal	Rs./MT	6014.8	6014.8		6044.1		5807.2	5807.2		6040.2	
Effective Landed coal price -- As per MERC order methodology											
Domestic coal	Rs./Mkcal	1892.6	1892.6		1936.0		1968.5	1968.5		1947.8	
Imported coal	Rs./Mkcal	0.0	0.0		0.0		0.0	0.0		0.0	
Washed coal	Rs./Mkcal	0.0	0.0		0.0		0.0	0.0		0.0	
Total coal	Rs./Mkcal	1892.6	1892.6		1936.0		1892.7	1892.7		1947.8	
Ratio of Rs./Mkcal as per approved FUP and for actual coal available for the month					1.02					1.03	
ECR	Rs./kWh	5.096			5.208		5.052			5.194	
Ratio of ECR					1.02					1.03	