

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	Actual Consumption for the month	Remarks / Justification for Variation	As per Fuel Utilisation Plan		Actual available for the month	Actual Consumption for the month	Remarks / Justification for Variation
		Annual	Monthly				Annual	Monthly			
Gros generation	MUs	1467.13	122.26		71.66	58.61%	7446.00	620.50		494.44	79.68%
Net generation	MUs	1306.34	108.86		61.57	56.55%	6999.24	583.27		457.58	78.45%
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	0.100	0.008	0.193	0.068	1. Restricted use of imported coal due to rain during first 15 days of the month.	0.710	0.059	0.449	0.399	1. Restricted use of imported coal due to rain during first 15 days of the month.
Imported coal	MMT	0.060	0.005	0.019	-	2. Availability of washed coal reduced due to transfer of WCL Bridge Linkage coal to MCL & SECL.	0.340	0.028	0.265	0.025	2. Availability of washed coal reduced due to transfer of WCL Bridge Linkage coal to MCL & SECL.
Washed coal	MMT	0.876	0.073	-	-		3.409	0.284	-	-	
Total	MMT	1.036	0.086	0.2121597	0.068	78.90%	4.459	0.372	0.7132506	0.4248690	114.35%
Wtd. Avg GCV as received- Actual											
Domestic coal	kcal/kg				3165.0					3120.0	
Imported coal	kcal/kg				4601.0					4601.0	
Washed coal	kcal/kg				0.0					0.0	
wtd. Avg. GCV of as received coal- actual	kcal/kg				3165.0					3208.9	
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		3216.0		3662.8	3662.8		3220.0	
Imported coal	kcal/kg	4763.1	4763.1		4601.0		4792.1	4792.1		4601.0	
Washed coal	kcal/kg	4171.1	4171.1		0.0		4013.0	4013.0		0.0	
wtd. Avg. GCV of as received coal- As per MERC order	kcal/kg	4151.8	4151.8		3216.0		4016.7	4016.7		3302.9	
Stack loss	kcal/kg	120.0	120.0				120.0	120.0			
GCV for EC computation	kcal/kg	4031.8	4031.8		3096.0	76.78% 60.59%	3696.7	3696.7		3195.6	82.01% 93.76%
Landed coal price (with TL)											
Domestic coal	Rs./MT	4241.8	4241.8		4958.7		4161.0	4161.0		5178.5	
Imported coal	Rs./MT	14973.8	14973.8		11951.2		15608.1	15608.1		11351.4	
Washed coal	Rs./MT	5166.5	5166.5		0.0		5078.6	5078.6		0.0	
Landed price with TL for Domestic coal	Rs./MT	4241.8	4241.8		4958.7		4161.0	4161.0		5178.5	
Landed price with TL for Total coal	Rs./MT	5645.5	5645.5		4958.7		5735.5	5735.5		5548.9	
Effective Landed coal price -- As per MERC order methodology											
Domestic coal	Rs./Mkcal	1052.1	1052.1		1601.6		1067.8	1067.8		1609.2	
Imported coal	Rs./Mkcal	3714.0	3714.0		3960.2		4005.5	4005.5		2467.2	
Washed coal	Rs./Mkcal	1281.5	1281.5		0.0		1303.3	1303.3		0.0	
Total coal	Rs./Mkcal	1400.3	1400.3		1601.6		1471.9	1471.9		1736.4	
Ratio of Rs./Mkcal as per approved FUP and for actual coal available for the month					1.14					1.18	
ECR	Rs./kWh	4.461			5.061		3.746			4.429	
Ratio of ECR					1.14					1.18	

Comparison of Coal actual Vs As p

FY 2024-25	Unit	Chandrapur # 3 to 7					Chandrapur # 8,9				
		As per Fuel Utilisation Plan		Actual available for the month	Actual Consumption for the month	Remarks / Justification for Variation	As per Fuel Utilisation Plan		Actual available for the month	Actual Consumption for the month	Remarks / Justification for Variation
		Annual	Monthly				Annual	Monthly			
Gros generation	MUs	11426.92	952.24		826.44	86.79%	7446.00	620.50		402.03	64.79%
Net generation	MUs	10535.61595	877.9679959		734.88	83.70%	6999.24	583.27		374.47	64.20%
Coal Quantity						The actual generation is almost near to the generation under FUP . There 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	10.660	0.888	0.920	0.732	1.As per load requirement. 2. Stacked dry coal utilised due to monsoon	3.734	0.311	0.402	0.280	1.As per load requirement. 2.U# 9 O/H upto 13th Oct. 3.Restricted use of imported coal due to rain during first 15 days of the month.
Imported coal	MMT	0.500	0.042	0.053	0.027		0.520	0.043	0.052	0.018	
Washed coal	MMT	-	-	-	-		0.621	0.052	0.011	0.011	
Total	MMT	11.160	0.930	0.973504	0.759	81.60%	4.875	0.406	0.46476	0.309	76.02%
Wtd. Avg GCV as received- Actual											
Domestic coal	kcal/kg				3247.0					3328.0	
Imported coal	kcal/kg				4685.9					4678.0	
Washed coal	kcal/kg				0.0					3580.0	
wtd. Avg GCV of as received coal- actual	kcal/kg				3298.1					3416.3	
Wtd. Avg GCV as received- For fuel plan as per MERC order											
Domestic coal	kcal/kg	3384.2	3384.2		3314.0		3517.9	3517.9		3364.0	
Imported coal	kcal/kg	4754.8	4754.8		4685.0		4735.7	4735.7		4678.0	
Washed coal	kcal/kg	0.0	0.0		0.0		4105.2	4105.2		3580.0	
wtd. Avg GCV of as received coal- As per MERC order	kcal/kg	3445.6	3445.6		3362.7		3722.6	3722.6		3448.9	
Stack loss	kcal/kg	120.0	120.0				120.0	120.0			
GCV for EC computation	kcal/kg	3325.6	3325.6		3245.5	97.59%	3602.6	3602.6		3332.6	92.51%
						79.63%					70.32%
Landed coal price (with TL)											
Domestic coal	Rs./MT	4093.9	4093.9		4456.0		3631.8	3631.8		4248.5	
Imported coal	Rs./MT	15559.4	15559.4		11289.7		15041.3	15041.3		11229.0	
Washed coal	Rs./MT	0.0	0.0		0.0		3776.9	3776.9		5375.5	
Landed price with TL for Domestic coal	Rs./MT	4093.9	4093.9		4456.0		4756.8	4756.8		4248.5	
Landed price with TL for Total coal	Rs./MT	4607.6	4607.6		4698.9		4867.4	4867.4		4698.5	
Effective Landed coal price -- As per MERC order methodology											
Domestic coal	Rs./Mcal	1231.0	1231.0		1373.0		1008.1	1008.1		1274.8	
Imported coal	Rs./Mcal	4673.7	4673.7		3478.6		4175.1	4175.1		3369.4	
Washed coal	Rs./Mcal	0.0	0.0		0.0		1048.4	1048.4		1501.5	
Total coal	Rs./Mcal	1385.5	1385.5		1447.8		1351.1	1351.1		1409.9	
Ratio of Rs./Mcal as per approved FUP and for actual coal available for the month					1.04					1.04	
ECR	Rs./kWh	4.097			4.285		3.442			3.602	
Ratio of ECR					1.04589					1.05	

Comparison of Coal actual Vs As p

FY 2024-25	Khaperkheda # 1 to 4						Khaperkheda # 5				
	Unit	As per Fuel Utilisation Plan		Actual available for the month	Actual Consumption for the month	Remarks / Justification for Variation	As per Fuel Utilisation Plan		Actual available for the month	Actual Consumption for the month	Remarks / Justification for Variation
		Annual	Monthly				Annual	Monthly			
Gros generation	MUs	5491.74	457.65		460.59	100.64%	3723.00	310.25		305.73	98.54%
Net generation	MUs	4959.040173	413.2533478		409.14	99.01%	3499.62	291.635		284.82	97.66%
						The actual generation is almost near to the generation under FUP .					The actual generation is almost near to the generation under FUP .
Coal Quantity											
Domestic coal	MMT	2.380	0.198	0.416	0.388	1. Restricted use of imported coal due to rain during first 15 days of the month. 2. Availability of washed coal reduced due to transfer of WCL Bridge Linkage coal to MCL& SECL.	1.180	0.098	0.301	0.229	1. Restricted use of imported coal due to rain during first 15 days of the month. 3. Availability of washed coal reduced due to transfer of WCL Bridge Linkage coal to MCL& SECL.
Imported coal	MMT	0.260	0.022	0.056	0.015		0.300	0.025	0.017	0.017	
Washed coal	MMT	1.930	0.161	0.008	0.005		0.936	0.078	0.003	0.003	
Total	MMT	4.570	0.381	0.478306	0.407	106.96%	2.416	0.201	0.3214893	0.248	123.17%
Wtd. Avg GCV as received- Actual											
Domestic coal	kcal/kg				3095.0					3095.0	
Imported coal	kcal/kg				4642.0					4642.0	
Washed coal	kcal/kg				3023.0					3023.0	
wtd. Avg_ GCV of as received coal- actual	kcal/kg				3149.6					3197.2	
Wtd. Avg GCV as received- For fuel plan as per MERC order as											
Domestic coal	kcal/kg	3166.5	3166.5		3311.0		3173.5	3173.5		3311.0	
Imported coal	kcal/kg	4653.4	4653.4		4642.0		4687.2	4687.2		4642.0	
Washed coal	kcal/kg	3853.4	3853.4		3023.0		3848.6	3848.6		3023.0	
wtd. Avg_ GCV of as received coal- As per MERC order	kcal/kg	3543.4	3543.4		3355.3		3623.0	3623.0		3396.3	
Stack loss	kcal/kg	120.0	120.0		-89.0		120.0	120.0		-85.2	
GCV for EC computation	kcal/kg	3423.4	3423.4		3238.6	94.60%	3503.0	3503.0		3282.5	93.70%
						101.19%					116.41%
Landed coal price (with TL)											
Domestic coal	Rs./MT	3956.0	3956.0		3405.9		3852.9	3852.9		3316.9	
Imported coal	Rs./MT	14842.8	14842.8		12585.3		14928.1	14928.1		12527.2	
Washed coal	Rs./MT	4658.5	4658.5		4548.4		4659.9	4659.9		4548.4	
Landed price with TL for Domestic coal	Rs./MT	3013.4	3013.4		3405.9		4571.6	4571.6		3316.9	
Landed price with TL for Total coal	Rs./MT	4872.1	4872.1		3748.6		5540.8	5540.8		3945.1	
Effective Landed coal price – As per MERC order methodology											
Domestic coal	Rs./Mkcal	1155.6	1155.6		1051.7		1099.9	1099.9		1010.5	
Imported coal	Rs./Mkcal	4335.6	4335.6		3886.0		4261.5	4261.5		3816.4	
Washed coal	Rs./Mkcal	1360.6	1360.6		1504.6		1330.3	1330.3		1504.6	
Total coal	Rs./Mkcal	1423.2	1423.2		1157.5		1581.7	1581.7		1201.9	
Ratio of Rs./Mkcal as per approved FUP and for actual coal available for the month					0.81					0.76	
ECR	Rs./kWh	4.218			3.461		4.019			3.095	
Ratio of ECR					0.82					0.77	

Comparison of Coal actual Vs As p

FY 2024-25	Unit	Koradi # 6					Koradi # 8,9,10				
		As per Fuel Utilisation Plan		Actual available for the month	Actual Consumption for the month	Remarks / Justification for Variation	As per Fuel Utilisation Plan		Actual available for the month	Actual Consumption for the month	Remarks / Justification for Variation
		Annual	Monthly				Annual	Monthly			
Gros generation	MUs	1324.51	110.38		106.02	96.05%	12433.49	1036.12		1028.46	99.26%
Net generation	MUs	1181.332253	98.4443544		92.965	94.43%	11687.48389	973.9569904		955.30	98.08%
Coal Quantity						The actual generation is almost near to the generation under FUP .					The actual generation is almost near to the generation under FUP .
Domestic coal	MMT	-	-	0.146	0.084	1. Stacked dry coal utilised . 2. Washed coal diverted to Koradi 3x650MW Units.	-	-	0.260	0.229	1. Available washed coal utilized. 2. Balance requirement supplied with raw coal.
Imported coal	MMT	-	-	-	-		0.670	0.056	-	-	
Washed coal	MMT	0.951	0.079	0.009	0.009		7.677	0.640	0.800	0.549	
Total	MMT	0.951	0.079	0.155051	0.092	116.39%	8.347	0.696	1.0599256	0.778	111.79%
Wtd. Avg GCV as received- Actual											
Domestic coal	kcal/kg				3068.0					3476.0	
Imported coal	kcal/kg				0.0					0.0	
Washed coal	kcal/kg				3208.0					3447.0	
Wtd. Avg. GCV of as received coal- actual	kcal/kg				3081.2					3455.5	
Wtd. Avg GCV as received- For fuel plan as per MERC order											
Domestic coal	kcal/kg	3323.1	3323.1		3294.0		3478.1	3478.1		3517.0	
Imported coal	kcal/kg	0.0	0.0		0.0		4720.0	4720.0		0.0	
Washed coal	kcal/kg	3850.9	3850.9		3208.0		4112.9	4112.9		3511.0	
Wtd. Avg. GCV of as received coal- As per MERC order	kcal/kg	3850.9	3850.9		3285.9		4161.7	4161.7		3512.8	
Stack loss	kcal/kg	120.0	120.0		-84.7		120.0	120.0		62.8	
GCV for EC computation	kcal/kg	3730.9	3730.9		3165.9	84.86%	4041.7	4041.7		3392.8	83.94%
						96.76%					93.84%
Landed coal price (with TL)											
Domestic coal	Rs./MT	3194.8	3194.8		3686.7		3502.3	3502.3		4877.5	
Imported coal	Rs./MT	0.0	0.0		0.0		14883.5	14883.5		0.0	
Washed coal	Rs./MT	4525.9	4525.9		4751.6		4426.2	4426.2		4529.1	
Landed price with TL for Domestic coal	Rs./MT	3001.7	3001.7		3686.7		3115.6	3115.6		4877.5	
Landed price with TL for Total coal	Rs./MT	4525.9	4525.9		3787.2		5265.7	5265.7		4631.6	
Effective Landed coal price -- As per MERC order methodology											
Domestic coal	Rs./Mkcal	856.3	856.3		1164.5		866.6	866.6		1437.6	
Imported coal	Rs./Mkcal	0.0	0.0		0.0		3682.5	3682.5		0.0	
Washed coal	Rs./Mkcal	1213.1	1213.1		1481.2		1095.1	1095.1		1290.0	
Total coal	Rs./Mkcal	1213.1	1213.1		1196.3		1302.8	1302.8		1365.1	
Ratio of Rs./Mkcal as per approved FUP and for actual coal available for the month					0.99					1.05	
ECR	Rs./kWh	3.368			3.302		3.119			3.264	
Ratio of ECR					0.98					1.05	

Comparison of Coal actual Vs As p

FY 2024-25	Unit	Paras # 3,4					Nashik				
		As per Fuel Utilisation Plan		Actual available for the month	Actual Consumption for the month	Remarks / Justification for Variation	As per Fuel Utilisation Plan		Actual available for the month	Actual Consumption for the month	Remarks / Justification for Variation
		Annual	Monthly				Annual	Monthly			
Gros generation	MUs	3666.10	305.51		272.20	89.10%	4415.04	367.92		228.10	62.00%
Net generation	MUs	3325.150537	277.0958781		242.140409	87.39%	3940.4232	328.3686		198.5416839	60.46%
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 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	0.258	0.218	As per load requirement	3.250	0.271	0.310	0.207	1.As per load requirement 2.Restricted use of imported coal due to rain during first 15 days of the month.
Imported coal	MMT	-	-	-	-		0.300	0.025	0.123	0.012	
Washed coal	MMT	-	-	-	-		-	-	-	-	
Total	MMT	2.460	0.205	0.258	0.218	106.45%	3.550	0.296	0.432	0.219	
Wtd. Avg GCV as received- Actual											
Domestic coal	kcal/kg				3176.0					3158.0	
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				3176.0					3236.9	
Wtd. Avg GCV as received- For fuel plan as per MERC order											
Domestic coal	kcal/kg	3515.1	3515.1		3312.0		3617.9	3617.9		3186.0	
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		3312.0		3720.0	3720.0		3263.4	
Stack loss	kcal/kg	120.0	120.0		-56.0		120.0	120.0			
GCV for EC computation	kcal/kg	3395.1	3395.1		3232.0	95.20%	3600.0	3600.0		3145.0	
						101.33%					
Landed coal price (with TL)											
Domestic coal	Rs./MT	4407.2	4407.2		4938.5		4387.9	4387.9		5236.9	
Imported coal	Rs./MT	0.0	0.0		0.0		15711.4	15711.4		10832.2	
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		4938.5		3115.6	3115.6		5236.9	
Landed price with TL for Total coal	Rs./MT	4407.2	4407.2		4938.5		5344.8	5344.8		5541.5	
Effective Landed coal price -- As per MERC order methodology											
Domestic coal	Rs./Mkcal	1298.1	1298.1		1528.0		1218.9	1218.9		1665.1	
Imported coal	Rs./Mkcal	0.0	0.0		0.0		4364.3	4364.3		3444.2	
Washed coal	Rs./Mkcal	0.0	0.0		0.0		0.0	0.0		0.0	
Total coal	Rs./Mkcal	1298.1	1298.1		1528.0		1484.7	1484.7		1762.0	
Ratio of Rs./Mkcal as per approved FUP and for actual coal available for the month					1.18					1.19	
ECR	Rs./kWh	3.51			4.12		4.641			5.49	
Ratio of ECR					1.17					1.18	

Comparison of Coal actual Vs As p

FY 2024-25	Parli # 6 & 7						Parli # 8				
	Unit	As per Fuel Utilisation Plan		Actual available for the month	Actual Consumption for the month	Remarks / Justification for Variation	As per Fuel Utilisation Plan		Actual available for the month	Actual Consumption for the month	Remarks / Justification for Variation
		Annual	Monthly				Annual	Monthly			
Gros generation	MUs	3723.00	310.25		201.83	65.05%	1861.50	155.13		118.94	76.67%
Net generation	MUs	3376.761	281.39675		176.48	62.72%	1703.2725	141.939375		104.02	73.28%
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	0.262	0.170	As per load requirement	1.248	0.104	0.132	0.100	As per load requirement
Imported coal	MMT	-	-	-	-		0.050	0.004	-	-	
Washed coal	MMT	-	-	-	-		-	-	-	-	
Total	MMT	2.624	0.219	0.262	0.170	77.53%	1.298	0.108	0.132	0.100	92.37%
Wtd. Avg GCV as received- Actual											
Domestic coal	kcal/kg				3100.0					3100.0	
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				3100.0					3100.0	
Wtd. Avg GCV as received- For fuel plan as per MERC order											
Domestic coal	kcal/kg	3298.0	3298.0		3100.0		3316.0	3316.0		3100.0	
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		3100.0		3188.2	3188.2		3100.0	
Stack loss	kcal/kg	120.0	120.0				120.0	120.0			
GCV for EC computation	kcal/kg	3178.0	3178.0		3070.0	96.60% 74.90%	3068.2	3068.2		3040.0	99.08% 91.52%
Landed coal price (with TL)											
Domestic coal	Rs./MT	6014.8	6014.8		5960.2		6039.9	6039.9		5963.5	
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		5960.2		4708.5	4708.5		5963.5	
Landed price with TL for Total coal	Rs./MT	6014.8	6014.8		5960.2		5807.2	5807.2		5963.5	
Effective Landed coal price -- As per MERC order methodology											
Domestic coal	Rs./Mkcal	1892.6	1892.6		1941.4		1968.5	1968.5		1961.7	
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		1941.4		1892.7	1892.7		1961.7	
Ratio of Rs./Mkcal as per approved FUP and for actual coal available for the month					1.03					1.04	
ECR	Rs./kWh	5.096			5.223		5.052			5.231	
Ratio of ECR					1.02					1.04	