

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

FY 2024-25		Bhusawal-3					Bhusawal 4& 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			
Gross Generation	MUs	1467.13	122.26		80.47	65.82%	7446.00	620.50		443.74	71.51%
Net generation	MUs	1306.34	108.86		69.36	63.72%	6999.24	583.27		411.51	70.55%
						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	0.100	0.008	0.226	0.074	1. Restricted use of Imported coal for cost optimization Availability of washed coal reduced due to transfer of WCL Bridge Linkage coal to MCL& SECL. 3. Available Raw Coal utilized.	0.710	0.059	0.548	0.353	1. As per load requirement. 2. Availability of washed coal reduced due to transfer of WCL Bridge Linkage coal to MCL& SECL. 3. Available Raw Coal utilized.
Imported coal	MMT	0.060	0.005	0.019	-		0.340	0.028	0.270	0.024	
Washed coal	MMT	0.876	0.073	-	-		3.409	0.284	-	-	
Total	MMT	1.036	0.086	0.245	0.074	85.79%	4.459	0.372	0.817	0.377	101.52%
Wtd. Avg GCV as received- Actual											
Domestic coal	kcal/kg				3205.0					3162.0	
Imported coal	kcal/kg				4601.0					4615.0	
Washed coal	kcal/kg										
wtd. Avg. GCV of as received coal- actual	kcal/kg				3205.0					3254.3	
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		3230.0		3662.8	3662.8		3199.0	
Imported coal	kcal/kg	4783.1	4783.1		4601.0		4792.1	4792.1		4615.0	
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		3230.0		4016.7	4016.7		3288.9	
Stack loss	kcal/kg	120.0	120.0				120.0	120.0			
GCV for EC computation	kcal/kg	4031.8	4031.8		3110.0	77.14%	3896.7	3896.7		3175.1	81.48%
						66.18%					82.72%
Landed coal price (with TL)											
Domestic coal	Rs./MT	4241.8	4241.8		4980.5		4161.0	4161.0		5052.1	
Imported coal	Rs./MT	14973.8	14973.8		11904.8		15608.1	15608.1		11346.8	
Washed coal	Rs./MT	5166.5	5166.5				5078.6	5078.6			
Landed price with TL for Domestic coal	Rs./MT	4241.8	4241.8		4980.5		4161.0	4161.0		5052.1	
Landed price with TL for Total coal	Rs./MT	5645.5	5645.5		4980.5		5735.5	5735.5		5451.8	
Effective Landed coal price -- As per MERC order methodology											
Domestic coal	Rs./Mkcal	1052.1	1052.1		1542.0		1067.8	1067.8		1579.3	
Imported coal	Rs./Mkcal	3714.0	3714.0		2587.4		4005.5	4005.5		2458.7	
Washed coal	Rs./Mkcal	1281.5	1281.5		0.0		1303.3	1303.3		0.0	
Total coal	Rs./Mkcal	1400.3	1400.3		1601.5		1471.9	1471.9		1717.1	
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			5.08		3.746			4.377	
Ratio of ECR					1.14					1.17	

Comparison of Coal actual Vs

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			
Gross Generation	MUs	11426.92	952.24		770.87	80.95%	7446.00	620.50		464.12	74.80%
Net generation	MUs	10535.62	877.97		691.56	78.77%	6999.24	583.27		435.46	74.66%
						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	0.947	0.698	1. As per load requirement. 2. Restricted use of Imported coal for cost optimization.	3.734	0.311	0.421	0.352	1. As per load requirement. 2. Availability of washed coal reduced due to transfer of WCL Bridge Linkage coal to MCL& SECL. 3. Restricted use of Imported coal for cost optimization.
Imported coal	MMT	0.500	0.042	0.026	0.005		0.520	0.043	0.034	0.005	
Washed coal	MMT	-	-	-	-		0.621	0.052	-	-	
Total	MMT	11.160	0.930	0.974	0.703	75.55%	4.875	0.406	0.455	0.357	87.98%
Wtd. Avg GCV as received- Actual											
Domestic coal	kcal/kg				3294.0					3360.0	
Imported coal	kcal/kg				4685.0					4678.0	
Washed coal	kcal/kg									0.0	
Wtd. Avg. GCV of as received coal- actual	kcal/kg				3304.1					3379.6	
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		3294.0		3517.9	3517.9		3360.0	
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		0.0	
Wtd. Avg. GCV of as received coal- As per MERC order	kcal/kg	3445.6	3445.6		3304.1		3722.6	3722.6		3379.6	
Stack loss	kcal/kg	120.0	120.0				120.0	120.0			
GCV for EC computation	kcal/kg	3325.6	3325.6		3184.2	95.75%	3192.6	3192.6		3260.0	102.11%
						72.34%					89.84%
Landed coal price (with TL)											
Domestic coal	Rs./MT	4093.9	4093.9		4500.8		3631.8	3631.8		4296.0	
Imported coal	Rs./MT	15559.4	15559.4		11290.0		15041.3	15041.3		11229.4	
Washed coal	Rs./MT						3776.9	3776.9			
Landed price with TL for Domestic coal	Rs./MT	4093.9	4093.9		4500.8		4756.8	4756.8		4296.0	
Landed price with TL for Total coal	Rs./MT	4607.6	4607.6		4549.9		4867.4	4867.4		4399.3	
Effective Landed coal price -- As per MERC order											
Domestic coal	Rs./Mkcal	1231.0	1231.0		1366.4		1137.6	1137.6		1278.6	
Imported coal	Rs./Mkcal	4678.7	4678.7		2409.8		4711.3	4711.3		2400.5	
Washed coal	Rs./Mkcal	0.0	0.0		0.0		1183.0	1183.0		0.0	
Total coal	Rs./Mkcal	1385.5	1385.5		1428.9		1524.6	1524.6		1349.5	
Ratio of Rs./Mkcal as per approved FUP and for actual coal available for the month					1.03					0.89	
ECR	Rs./kWh	4.097			4.218		3.442			3.436	
Ratio of ECR					1.03					1.00	

Comparison of Coal actual Vs

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			
Gross Generation	MUs	5491.74	457.65		408.57	89.28%	3723.00	310.25		305.57	98.49%
Net generation	MUs	4959.04	413.25		363.30	87.91%	3499.62	291.64		285.74	97.98%
						Nearly achieved generation as per FUP considerations					Achieved generation as per FUP considerations
Coal Quantity											
Domestic coal	MMT	2.380	0.198	0.362	0.313	1. As per load requirement. 2. Available Raw and imported Coal utilized.	1.180	0.098	0.264	0.219	1. As per load requirement. 2. Available Raw Coal utilized. 3. Restricted use of imported coal for cost optimization. 4. Availability of washed coal reduced due to transfer of WCL Bridge Linkage coal to MCL& SECL.
Imported coal	MMT	0.260	0.022	0.090	0.033		0.300	0.025	0.043	0.019	
Washed coal	MMT	1.930	0.161	0.007	0.006		0.936	0.078	0.006	0.006	
Total	MMT	4.570	0.381	0.458	0.352	92.44%	2.416	0.201	0.313	0.243	120.57%
Wtd. Avg GCV as received- Actual											
Domestic coal	kcal/kg				3307.0					3307.0	
Imported coal	kcal/kg				4679.0					4679.0	
Washed coal	kcal/kg				3049.0					3049.0	
Wtd. Avg. GCV of as received coal- actual	kcal/kg				3429.5					3406.2	
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		3307.0		3173.5	3173.5		3307.0	
Imported coal	kcal/kg	4693.4	4693.4		4679.0		4687.2	4687.2		4679.0	
Washed coal	kcal/kg	3853.4	3853.4		3049.0		3848.6	3848.6		3049.0	
Wtd. Avg. GCV of as received coal- As per MERC order	kcal/kg	3543.4	3543.4		3429.5		3623.0	3623.0		3406.2	
Stack loss	kcal/kg	120.0	120.0				120.0	120.0			
GCV for EC computation	kcal/kg	3561.1	3561.1		3317.9	93.17%	3668.8	3668.8		3290.1	89.68%
						86.12%					108.13%
Landed coal price (with TL)											
Domestic coal	Rs./MT	3956.0	3956.0		3196.1		3852.9	3852.9		3114.1	
Imported coal	Rs./MT	14842.8	14842.8		12199.6		14928.1	14928.1		11962.2	
Washed coal	Rs./MT	4658.5	4658.5		4444.4		4659.9	4659.9		4444.4	
Landed price with TL for Domestic coal	Rs./MT	3013.4	3013.4		3196.1		4571.6	4571.6		3114.1	
Landed price with TL for Total coal	Rs./MT	4872.1	4872.1		4052.2		5540.8	5540.8		3822.4	
Effective Landed coal price -- As per MERC order											
Domestic coal	Rs./Mkcal	1110.9	1110.9		966.5		1050.2	1050.2		941.7	
Imported coal	Rs./Mkcal	4168.1	4168.1		2607.3		4068.9	4068.9		2556.6	
Washed coal	Rs./Mkcal	1308.2	1308.2		1457.7		1270.1	1270.1		1457.7	
Total coal	Rs./Mkcal	1368.2	1368.2		1221.3		1510.2	1510.2		1161.8	
Ratio of Rs./Mkcal as per approved FUP and for actual coal available for the month					0.89					0.77	
ECR	Rs./kWh	4.218			3.663		4.019			2.975	
Ratio of ECR					0.87					0.74	

Comparison of Coal actual Vs

FY 2024-25		Koradi # 6					Koradi # 8,9,10				
	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			
Gross Generation	MUs	1324.51	110.38		116.60	105.63%	12433.49	1036.12		1039.98	100.37%
Net generation	MUs	1181.33	98.44		102.73	104.36%	11687.48	973.96		968.74	99.46%
						Achieved generation as per FUP considerations					Achieved generation as per FUP considerations
Coal Quantity											
Domestic coal	MMT	-	-	0.142	0.081	1. As per load requirement. 2. Available Raw Coal utilized. 3. Availability of washed coal reduced due to transfer of WCL Bridge Linkage coal to MCL& SECL.	-	-	0.373	0.285	1. As per load requirement. 2. Availability of washed coal reduced due to transfer of WCL Bridge Linkage coal to MCL& SECL. Available Raw Coal utilized.
Imported coal	MMT	-	-	-	-		0.670	0.056	-	-	
Washed coal	MMT	0.951	0.079	0.016	0.016		7.677	0.640	0.673	0.464	
Total	MMT	0.951	0.079	0.157	0.097	122.11%	8.347	0.696	1.046	0.749	107.66%
Wtd. Avg GCV as received- Actual											
Domestic coal	kcal/kg				3091.0					3450.0	
Imported coal	kcal/kg									0.0	
Washed coal	kcal/kg				2883.0					3395.0	
wtd. Avg. GCV of as received coal- actual	kcal/kg				3057.2					3415.9	
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	3323.1	3323.1		3091.0		3478.1	3478.1		3450.0	
Imported coal	kcal/kg	0.0	0.0		0.0		4720.0	4720.0		0.0	
Washed coal	kcal/kg	3850.9	3850.9		3016.0		4112.9	4112.9		3395.0	
wtd. Avg. GCV of as received coal- As per MERC order	kcal/kg	3850.9	3850.9		3078.8		4161.7	4161.7		3415.9	
Stack loss	kcal/kg	120.0	120.0				120.0	120.0			
GCV for EC computation	kcal/kg	3730.9	3730.9		2958.8	79.31%	4041.7	4041.7		3330.0	82.39%
						96.84%					88.70%
Landed coal price (with TL)											
Domestic coal	Rs./MT	3194.8	3194.8		3569.1		3502.3	3502.3		4536.3	
Imported coal	Rs./MT	0.0	0.0		0.0		14883.5	14883.5		0.0	
Washed coal	Rs./MT	4525.9	4525.9		4851.6		4426.2	4426.2		4645.9	
Landed price with TL for Domestic coal	Rs./MT	3001.7	3001.7		3569.1		3115.6	3115.6		4536.3	
Landed price with TL for Total coal	Rs./MT	4525.9	4525.9		3777.7		5265.7	5265.7		4604.2	
Effective Landed coal price -- As per MERC order											
Domestic coal	Rs./Mkcal	856.3	856.3		1154.7		866.6	866.6		1314.9	
Imported coal	Rs./Mkcal	0.0	0.0		#DIV/0!		3682.5	3682.5		#DIV/0!	
Washed coal	Rs./Mkcal	1213.1	1213.1		1608.6		1095.1	1095.1		1368.5	
Total coal	Rs./Mkcal	1213.1	1213.1		1276.8		1302.8	1302.8		1382.6	
Ratio of Rs./Mkcal as per approved FUP and for actual coal available for the month					1.05					1.06	
ECR	Rs./kWh	3.368			3.511		3.119			3.305	
Ratio of ECR					1.04					1.06	

Comparison of Coal actual Vs

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			
Gross Generation	MUs	3666.10	305.51		254.61	83.34%	4415.04	367.92		227.28	61.77%
Net generation	MUs	3325.15	277.10		225.67	81.44%	3940.42	328.37		197.80	60.24%
						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
Coal Quantity						As per load requirement					1.As per load requirement, tolling of coal to IPP. 2.Restricted use of imported coal for cost optimization.
Domestic coal	MMT	2.460	0.205	0.284	0.199		3.250	0.271	0.319	0.187	
Imported coal	MMT	-	-	-	-		0.300	0.025	0.138	0.019	
Washed coal	MMT	-	-	-	-		-	-	-	-	
Total	MMT	2.460	0.205	0.284	0.199	96.96%	3.550	0.296	0.457	0.206	69.73%
Wtd. Avg GCV as received- Actual											
Domestic coal	kcal/kg				3171.0					3153.0	
Imported coal	kcal/kg				0.0					4610.0	
Washed coal	kcal/kg				0.0					0.0	
wtd. Avg. GCV of as received coal actual	kcal/kg				3171.0					3289.4	
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		3402.0		3617.9	3617.9		3167.0	
Imported coal	kcal/kg	0.0	0.0		0.0		4825.6	4825.6		4610.0	
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		3402.0		3720.0	3720.0		3302.1	
Stack loss	kcal/kg	120.0	120.0				120.0	120.0			
GCV for EC computation	kcal/kg	3395.1	3395.1		3370.0	99.26%	3748.5	3748.5		3184.3	84.95%
						96.24%					59.24%
Landed coal price (with TL)											
Domestic coal	Rs./MT	4407.2	4407.2		4904.9		4387.9	4387.9		5076.5	
Imported coal	Rs./MT	0.0	0.0		0.0		15711.4	15711.4		10789.5	
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		4904.9		3115.6	3115.6		5076.5	
Landed price with TL for Total coal	Rs./MT	4407.2	4407.2		4904.9		5344.8	5344.8		5611.3	
Effective Landed coal price -- As per MERC order											
Domestic coal	Rs./Mkcal	1298.1	1298.1		1441.8		1170.6	1170.6		1594.2	
Imported coal	Rs./Mkcal	0.0	0.0		#DIV/0!		4191.4	4191.4		3388.3	
Washed coal	Rs./Mkcal	0.0	0.0		0.0		0.0	0.0		0.0	
Total coal	Rs./Mkcal	1298.1	1298.1		1455.4		1425.9	1425.9		1762.1	
Ratio of Rs./Mkcal as per approved FUP and for actual coal available for the month					1.12					1.24	
ECR	Rs./kWh	3.51			3.925		4.641			5.493	
Ratio of ECR					1.12					1.18	

Comparison of Coal actual Vs

FY 2024-25	Unit	Parli # 6 & 7					Parli # 8				
		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			
Gross Generation	MUs	3723.00	310.25		184.17	59.36%	1861.50	155.13		113.07	72.89%
Net generation	MUs	3376.76	281.40		161.64	57.44%	1703.27	141.94		99.40	70.03%
						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	2.624	0.219	0.271	0.148	As per load requirement. (Zero schedule/RSD)	1.248	0.104	0.148	0.092	1.As per load requirement. 2. No use of imported coal for cost optimization.
Imported coal	MMT	-	-	-	-		0.050	0.004	-	-	
Washed coal	MMT	-	-	-	-		-	-	-	-	
Total	MMT	2.624	0.219	0.271	0.148	67.80%	1.298	0.108	0.148	0.092	84.67%
Wtd. Avg GCV as received- Actual											
Domestic coal	kcal/kg				3240.0					3240.0	
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				3240.0					3240.0	
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		3240.0		3316.0	3316.0		3240.0	
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		3240.0		3188.2	3188.2		3240.0	
Stack loss	kcal/kg	120.0	120.0				120.0	120.0			
GCV for EC computation	kcal/kg	3178.0	3178.0		3170.0	99.75%	3068.2	3068.2		3135.0	102.18%
						67.63%					86.52%
Landed coal price (with TL)											
Domestic coal	Rs./MT	6014.8	6014.8		6168.3		6039.9	6039.9		6204.0	
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		6168.3		4708.5	4708.5		6204.0	
Landed price with TL for Total coal	Rs./MT	6014.8	6014.8		6168.3		5807.2	5807.2		6204.0	
Effective Landed coal price -- As per MERC order											
Domestic coal	Rs./Mkcal	1892.6	1892.6		1903.8		1968.5	1968.5		1978.9	
Imported coal	Rs./Mkcal	0.0	0.0		#DIV/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		1945.9		1892.7	1892.7		1978.9	
Ratio of Rs./Mkcal as per approved FUP and for actual coal available for the month					1.03					1.05	
ECR	Rs./kWh	5.096			5.235		5.052			5.277	
Ratio of ECR					1.03					1.04	