

Variable Cost for Rajghat Power House		
Particulars	Unit	FY 2012-13
Gross Generation	MU	828
Aux. Consumption	%	12.50
Net Generation	MU	724.34
Heat rate	Kcal/Kwh	3248
Heat required	Kcal	2688789989340
Specific Oil Consumption (LDO)	ml/Kwh	1.5
Secondary Oil Consumption (LDO)	KL	1241.73
GCV of Oil (LDO)	Kcal/L	8916
Heat Value of Oil (LDO)	Kcal	11071264680
Specific Oil Consumption (LSHS)	gmlKwh	3.75
Secondary Oil Consumption (LSHS)	MT	3104.325
GCV of Oil (LSHS)	Kcal/Kg	10360
Heat Value of Oil (LSHS)	Kcal	32160807000
Balance Heat value for Coal	Kcal	2645557917660
GCV of Coal	Kcal/Kg	3644
Coal consumption Required	MT	726003.8193
Coal Transit Loss	%	3.8
Coal Consumption including transit loss	MT	754681.7249
Weighted average cost of Secondary oil (LDO)	Rs./KL	29094.6
Secondary Oil cost (LDO)	Rs. Crore	3.61
Weighted average cost of Secondary oil (LSHS)	Rs./MT	32248.29
Secondary Oil cost (LSHS)	Rs. Crore	10.01
Weighted Average cost of Coal	Rs./MT	2542.13
Cost Of Coal	Rs. Crore	191.85
Total Fuel Cost	Rs. Crore	205.47
Variable cost per Unit (Coal)	Rs. /Unit	2.6486

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