

The Durgapur Projects Limited
Monthly Fuel Cost Adjustment for the month Of November'22 of Unit #7

Items	Derivation	Month
		Oct'22
Normative Generation (MU)	[1]	41.308
Aux. Loss (MU) @8.5%	[2]	3.511
Scheduled Injection(MU)	[3]	37.797
Station heat rate (Kcal/kwh)	[4]	2,345
Total Heat req. (Gcal)	[5=1x4]	96,867.311
Sp Oil Consumption (ml/kwh)	[6]	1.000
Oil Consumption (KL)	[7=6x1]	41.308
Heat value of Oil (Kcal/Litre)	[8]	8,902.00
Heat from Oil ((Gcal)	[9=7x8]	367.724
Heat from coal (Gcal)	[10=5-9]	96,499.587
Heat value of coal (kcal/kg)	[11]	3,654.00
Coal consumption (MT)	[12=[10/11]x(10 ³)]	26,409.301
Coal requirement considering Transit loss (MT)	[13]	26,541.348
Av. Price of Oil (Rs per KL)	[14]	90,064.87
Av. Price of coal (Rs per MT)	[15]	3347.29
Cost of Oil (Rs)	[16=[7x14]]	37,20,399.77
Cost of coal(Rs)	[17=[13x15]]	8,88,41,588.75
Total Fuel cost (Rs)	[18=[16+17]]	9,25,61,989
Fuel Cost/Unit sent out (Rs./Kwh)	[19=[18/3*1000000]]	2.4489
Fuel Cost allowed (Rs./kwh)	20	1.536
Fuel Surcharge required (Normative Fuel Cost-Fuel Cost allowed) Rs. /kWh	21=20-19	0.9127

The Durgapur Projects Limited

Monthly Fuel Cost Adjustment for the month Of November"22 of Unit #8

Items	Derivation	Month
		OCT"22
Normative Generation (MU)	[1]	150.142
Aux. Loss (MU) @9%	[2]	13.513
Scheduled Injection(MU)	[3]	136.629
Station heat rate (Kcal/kwh)	[4]	2,425
Total Heat req. (Gcal)	[5=1x4]	3,64,093.830
Sp Oil Consumption (ml/kwh)	[6]	1.000
Oil Consumption (KL)	[7=6x1]	150.142
Heat value of Oil (Kcal/Litre)	[8]	8,902.00
Heat from Oil ((Gcal)	[9=7x8]	1,336.564
Heat from coal (Gcal)	[10=5-9]	3,62,757.266
Heat value of coal (kcal/kg)	[11]	3,654.00
Coal consumption (MT)	[12=[10/11]x(10 ³)]	99,276.756
Coal requirement considering Transit loss (MT)	[13]	99,773.140
Av. Price of Oil (Rs per KL)	[14]	90,064.87
Av. Price of coal (Rs per MT)	[15]	3,347.29
Cost of Oil (Rs)	[16=[7x14]]	1,35,22,520.16
Cost of coal(Rs)	[17=[13x15]]	33,39,69,633.79
Total Fuel cost (Rs)	[18=[16+17]]	34,74,92,154
Fuel Cost/Unit sent out (Rs./Kwh)	[19=[18/3*1000000]]	2.5433
Fuel Cost allowed (Rs./kwh)	20	1.596
Fuel Surcharge required (Normative Fuel Cost-Fuel Cost allowed) Rs. /kWh	21=20-19	0.9477