Name of the Company: NTPC Ltd.

Name of the Power Station: FGUTPS (Rs. In Lakhs)

	Name of the Power Station:	FGU IPS			(RS. In Lakns	5)
Sl. No.	Items	2008-09	2009-10	2010-11	2011-12	2012-13
1	Consumption of stores & spares	3063.03	3204.34	4365.56	4697.09	4336.68
2	Repair & Maintenance	2601.18	2510.24	4058.01	3782.83	3304.18
3	Insurance	156.89	261.78	294.96	297.65	302.65
4	Security	722.74	849.41	967.15	1095.64	1303.57
	Water Charges	111.17	112.44	160.54	346.15	359.19
	Administrative Expenses					
	Rent	0.00	0.00	0.00	0.00	0.00
	Electricity charges	172.47	215.29	413.87	410.89	497.48
	Travelling & Conveyance	375.21	363.88	410.40	483.48	541.43
	Communication Expenses	66.35	74.45	75.73	86.64	93.87
	Advertising	15.08	16.76	12.90	10.49	7.11
	Foundation Laying & Inaugration	0.00	0.00	0.00	0.00	0.00
	Donation	0.00	0.00	0.00	0.00	0.00
	Entertainment	24.77	13.51	13.59	13.09	18.63
	Filing fee	2.30	21.00	21.00	21.00	42.00
0.0	Subtotal (Administrative Expenses)	656.18	704.89	947.51	1025.60	1200.52
7	Employee Cost	000.20	701100	0 17102		
	- Salaries, Wages & Allowances	8555.51	8588.29	11077.42	10793.72	13226.46
	- Staff Welfare expenses	952.59	906.95	556.03	840.93	1084.05
	- Incentive	508.37	516.51	521.12	519.34	539.73
	- Expenditure on VRS	0.00	0.00	0.00	0.00	0.00
	- Ex-gratia	0.00	260.94	284.80	304.79	308.80
	- Performance Related Pay(PRP)	660.05	665.66	625.07	982.00	972.45
7.0	Sub Total (Employee Cost)	10676.52	10938.35	13064.45	13440.78	16131.49
0	Loss of Store	0.00	0.53	0.00	0.00	0.07
	Provisions	17.63	10.83	85.37	2.30	40.98
	Prior Period Expenses	0.00	0.00	0.00	0.00	0.00
	Corporate Office expenses allocation Others	2619.20	2377.40	2926.12	2758.24	2701.46
		2.50	17.42	C 9C	4.40	2.07
	Rates & Taxes	2.59	17.42	6.86 133.26	4.48	2.87
	Water cess	127.27	138.76		129.49	
	Training & recruitment expenses	50.09	48.29	59.23	70.19	54.44
	Tender Expenses	71.44	79.64	80.57	51.96	51.78
	Guest house expenses	15.87	18.65	23.43	28.18	32.32
	Education expenses	84.58	75.24	83.58	35.17	28.24
	Community Development Expenses	35.83	22.34	234.10	194.21	360.28
	Ash utilisation expenses	0.00	5.49	1.81	21.38	12.29
	Books & Periodicals	4.63	3.24	8.55	2.80	2.47
	Professional Charges	29.60	20.44	41.01	21.51	58.98
	Legal expenses	1.28	7.29	9.57	9.83	19.22
	EDP Hire & other charges	61.52	48.96	38.22	53.60	32.09
	Printing & Stationery	41.56	39.83	37.00	33.65	39.44
	Misc and other Expenses	280.75	698.74	1018.70	728.91	792.10
	Sub Total (Others)	807.01	1224.33	1775.89	1385.37	1620.03
	(Total 1 to 12)	21431.55	22194.53	28645.55	28831.65	31300.81
	Revenue / Recoveries	356.01	406.89	396.12	434.54	456.70
	Net Expenses	21075.54	21787.64	28249.43	28397.12	30844.11
16	Capital spares consumed	236.13	576.37	816.04	943.77	686.45
	Total O&M Cost	21311.67	22364.01	29065.47	29340.89	31530.56
	Expenditure of Capital nature as per accounting					
17	practice not claimed/ disallowed in capital cost	0.00	3320.65	421.67	1345.78	
	Total O&M Cost incluidng SI No. 17 above	21311.67	25684.66	29487.14	30686.67	31530.56
	No. of Employee opting for VRS	0.00	0.00	0.00	0.00	0.00

Note:

- 1) Prior period expenses have been inculed in their natural head
- 2) Ex gratia has been incuded in PRP for the year 2008-09
- 3) Employee cost includes arrears
- 4) For 2012-13, data in respect of SI No.17 shall be submitted later

ANNEXURE-I
Pro-forma furnishing Actual annual performance/operational data for the coal /lignite based thermal generating stations for the 5 year period from 2008-09 to 2012-2013

	Particulars	Units	2008-09	2009-10	2010-11	2011-12	2012-13	Basis of information/ methodology
1	Name of Company			<u> </u>				
2	Name of Station	†		FGU				
3	Installed Capacity and Configuration	MW						
	instance capacity and comigaration	1)50 MW (210x All stage)-150			
4	Dated Steam Darameters (Alex state the time of Steam turbine and Bailer				535, St-II-537 30,St-II-627.7			
<u>4</u> 	Rated Steam Parameters (Also state the type of Steam turbine and Boiler Type of BFP	1			lectrical Drive	· ,		
		+			Closed cycle	<u> </u>		
<u>6</u> 7	Circulating Water System Any other Site specific feature				e mills in stag	no II		
'	i i	+		TUL	e milis in stag	Je-II		
8	Fuels:	<u> </u>						
8.1	Main Fuel:				Coal			
				ion through FS		(1050MW),		Requirement has been worked out for
8.1.1	Annual Allocation or/ and Requirement	MT	Annual require	ement =6.0 MM	T (1050MW)			90% PLF
			Control Cool	fiolds Limitad((CI \ 9 Phorot	Coking Cool I	imitad/PCCL)	
8.1.2	Sources of supply/ procurement along with contracted quantity and grade of		Central Coal	neids Limited(C	CL) & Briarai	Coking Coal L	imited(BCCL)	
0.1.2	coal		Annual con	tracted quantity				
						:E-F, BCCL:		
8.1.2.1	FSA	МТ	5.42	5.51	5.90	5.20	5.97	
8.1.2.2	Imported	МТ	0.20	0.25	0.13	0.26	0.20	
	Spot Market/e auction	МТ	0.00	0.00	0.00	0.00	0.00	
8.1.3	Transportation Distance of the station from the sources of supply	km		BC	CL-615, CCL-	606	-	
8.1.4	Mode of Transport	1			IR .			
8.1.5	Maximum Station capability to stock main fuel	Days & MT		35 (
8.2	Secondary Fuel:							
8.2.1	Annual Requirement	klitre						
8.2.2	Sources of supply							
8.2.3	Transportation Distance of the station from the sources of supply	Km						
8.2.4	Mode of Transport				1000 Rail			
8.2.5	Maximum Station capability to stock secondary fuels	klitre						
9	Cost of Spares:	1						
9.1	Cost of Spares capitalized in the books of accounts (St-I)	(Rs. Lakh)	86	92	829	629	1	2012-13 data to be submitted later
0	Cost of Spares capitalized in the books of accounts (St-II)	(Rs. Lakh)	0		355			2012 To data to 20 dd2111ttod fator
	Cost of Spares capitalized in the books of accounts (St-III)	(Rs. Lakh)	107					
9.2	Cost of spares included in capital cost for the purpose of tariff (St-I)	(Rs. Lakh)	0					
	Cost of spares included in capital cost for the purpose of tariff (St-II)	(Rs. Lakh)	0			ļ		
	Cost of spares included in capital cost for the purpose of tariff (St-III)	(Rs. Lakh)	107					
10	Generation	<u> </u>						
10.1	Actual Gross Generation at generator terminals (Commercial Satge wise)	†	†					
10.1.1	Stage-1	MU	3342.9	3582.6	3472.6	3292.7	3409.6	5
	Stage-2	MU	3593.0					
	Stage-3	MU	1685.0					
10.2	Actual Net Generation Ex-bus	MU	1.000.0	1000.0		1, 53.6	17.1.10	
	Stage-1	MU	3081.1	3298.2	3190.2	3017.5	3124.9	
	Stage-2	MU	3288.6		3161.0			
	Stage-3	MU	1555.3					
	Scheduled Generation Ex-bus	1			1 100.0		13.3.0	Based on REA
	Stage-1	MU	3053.9	3277.9	3154.4	2998.6	3135.8	

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Pro-forma	furnishing Actual annual performance/operational data for the coal /lignite bas	ed thermal gene						
	Stage-2	MU	3261.3	3168.4		2887.2	3105.7	
10.3.3	Stage-3	MU	1541.1	1730.2	1478.4	1598.6	1568.5	
11	Average Declared Capacity (DC)							Based on REA
11.1	Stage-1	MW	351.6	377.6		362.0	377.6	
11.2	Stage-2	MW	376.1	366.2	383.6	356.3	382.5	
11.3	Stage-3	MW	177.9	200.3	182.6	194.8	191.2	
12	Actual Auxiliary Energy Consumption including colony consumption							
12.1	Stage-1	MU	261.8	276.1	274.0	268.0	277.7	
12.2	Stage-2	MU	304.4	285.9	314.4	280.6	294.2	
	Stage-3	MU	129.7	145.6	135.3	144.9	137.5	
13	Actual Energy supplied to Colony from the station	MU	12.4	13.3	14.0	14.1	14.9	
14	Main Fuel:		COAL	COAL	COAL	COAL	COAL	
14.1	Consumption :							
	Domestic Coal (Linked miine/ Other mines/e-auction/spot)	МТ	5405486	5339966	5642026	5684443	5678203	
	Imported Coal*	MT	132110	297507	143023	260706	221104	
14.2	Gross Calorific Value (GCV):	1000	102110	201001	1 10020	200700	221101	
	Domestic Coal (As received)	kCal/kg						
14.2.1	(As fired)	kCal/kg						
14.2.2	Imported Coal (As received)	kCal/kg	5160	5500	5530	5600	5650	
	Spot market/e-auction coal (As received)	kCal/kg	3100	3300	3330	3000	3030	
	Weighted Average Gross Calorific value (As received)	kCal/kg						
14.2.5	Weighted Average Gross Calorific value (As fired)	kCal/kg	3712	3782	3559	3356	3470	
	Price of Coal:	KCai/Kg	37 12	3702	3333	3330	3470	
		(Do/MT)	4770.0	1050.1	2270.7	2400.0	2022.0	
	Weighted Average price of Domestic coal	(Rs/MT) (Rs/MT)	1778.9	1958.1	2279.7	2489.0	2923.6	
	Weighted Average price of imported coal	(Rs/MT)	7598.7	7613.2 0.0		9262.4	8338.5	
	Weighted Average price of spot market/ e-auction coal	(Rs/MT)	0.0 1918.0	2256.0		0.0 2786.1	0.0 3126.6	
	Weighted Average price of all the Coals (as received)		1916.0	2230.0	2422.4	2700.1	3120.0	
	Blending:	% and MT	0.000/	5.000/	0.470/	4.000/	0.750/	
	Blending ratio of imported coal with domestic coal	%	2.39%	5.28%	2.47%	4.39%	3.75%	Imported/ Total Coal Consumption
	Proportion of e-Auction coal in the blending	NAT.	100100	400540	007000	454044	00000	According to the state of the s
	Actual Average stock maintained	MT	109189	166510	327620	151041	83308	Average of monthly closing stock
	Actual Transit & Handling Losses for coal/Lignite							
	Pit- Head Station							
	Transit loss from linked mines	MT						
	Transit loss from non-linked mines including e-auction coal mines.	MT						
	Transit loss of imported coal	MT						
	Non-Pit Head station	MT						
	Transit loss from linked mines	MT	0.60%	0.74%	0.80%	0.72%	0.81%	
	Transit loss from non-linked mines including e-auction coal mines.	MT						
	Transit loss of imported coal	MT	0.25%	0.16%	0.17%	0.18%	0.17%	
	Secondary Fuel Oil :							
	Consumption	klitre	2352.9	1566.6		6280.1	3453.5	
	HFO	klitre	980.4	899.1	1701.3	3710.6		
	LDO	klitre	1372.5			2569.5	2659.8	
	Weighted Average Gross Calorific value (As received)	kCal/kg(litre)	9990.0	9990.0		9990.0	9990.0	
15.3	Weighted Average Price of HFO	(Rs/KL)	29273.5			47652.5	55270.8	
<u> </u>	Weighted Average Price of LDO	(Rs/KL)	54726.4			62347.4	70750.8	
	Weighted Average Price	(Rs Per MT o					67193.2	
15.4	Actual Average stock maintained	klitre	3535.0	2919.3	3154.8	3687.4	6116.1	Average of monthly closing stock

ANNEXURE-I

Pro-forma furnishing Actual annual performance/operational data for the coal /lignite based thermal generating stations for the 5 year period from 2008-09 to 2012-2013

F10-101111a	trnisning Actual annual performance/operational data for the coal /lighite based	ı inemiai gene	rating stations i	or the 5 year pe	enou mom 200	0-09 10 2012-20	JIS	_
16	Weighted average duration of outages							
16.1	Scheduled Outages	MU	536.4	460.1	294.1	447.3	285.1	
	Forced Outages	MU	249	84	188	124	145	
	Number of trippings	No	43	24	42	33	38	
	Number of start-ups :	No	48	28		37	41	
	Cold Start-up	No	24	13	16	11	12	
16.4.2	Warm Start-up	No	1	2	4	4	8	
16.4.3	Hot start-up	No	23	13	22	22	21	
17	NOx , SOx ,and other particulate emission in :							
17.1	Design value of emission- NOx	mg/Nm ³			NA			No norm; not considered in design
	Design value of emission- SOx	mg/Nm ³			NA			No norm; not considered in design
	Design value of emission- SPM (St-I)	mg/Nm ³			298			
	Design value of emission- SPM (St-II)	mg/Nm ⁴			150			
	Design value of emission- SPM (St-III)	mg/Nm ⁵			50			
17.2	Actual emission (SPM)-St-I	mg/Nm ³	123-148	123-146	132-146	121-148	130-148	
17.3	Actual emission (SOx)	mg/Nm ³	795-1598	601-1052	513-789	632-780	712-1589	
17.4	Actual emission (NOx)	mg/Nm ³	205-403	215-382	263-324	282-336	279-380	
17.2	Actual emission (SPM)-St-II	mg/Nm ³	83-139	95-147	93-128	71-143	99-138	
17.3	Actual emission (SOx)	mg/Nm ³	770-1467	599-1003	599-786	625-810	608-936	
17.4	Actual emission (NOx)	mg/Nm ³	201-363	276-314	279-329	276-336	282-329	
17.2	Actual emission (SPM)-St-III	mg/Nm ³	73-96	53-98	38-96	34-93	48-95	
17.3	Actual emission (SOx)	mg/Nm ³	710-920	580-782			610-820	
17.4	Actual emission (NOx)	mg/Nm ³	230-390	292-385	297-327	289-322	250-336	
17.4	Actual chilosion (NOX)	Quantity						
19	Detail of Ash utilization 0/ of fluorib and durant	Produced	21 72	22.00	22.21	25.72	24.54	
19	Detail of Ash utilization % of fly ash produced		21.73	22.09	23.21	25.73	24.54	
		(Lakh MT)						
19.1	Conversion of value added product(Issue to Cement, RMC & Brick /block	%	66.01	85.16	75.21	62.44	52.22	
	industries)							
19.2	For making roads & embarkment	%	12.43	0.00		0.31	0.20	
19.3	Land filling	%	0.18	1.29	0.00	1.93	1.36	
10.4	Used in plant site in one or other form or used in some other site (Mine filling	0/	0.00	0.00	0.00	0.00	0.00	
19.4	& Ash dyke raising)	%	0.00	0.00	0.00	0.00	0.00	
19.5	Any other use , Please specify (Agriculture, Bottom ash cover etc.)	Qty. (Lakh M	1.72	1.39	2.81	2.68	2.14	
	I will out the doc y recuse opening (right out the cover extent	T) and usage	1.,2	1.33		2.30		
20	Cost of spares actually consumed	Rs Lakhs	3080.9	3656.8	5037 26	5479.694324	4886 19431	
21	Average stock of spares	Rs Lakhs	7805.3	8767.7	9131.8	9392.2	10125.6	
22	Number of employees deployed in O&M	IV3 EQVIIS	7003.3	6/0/./	3131.0	9392.2	10123.0	
	Executives		370	376	375	386	398	
22.1 22.2	Non Executives		661	652			<u> </u>	
22.2	Corporate office		3205	3272				Total Corporate Man Power
	Man-MW ratio		0.98	0.98				Excluding Corporate Man Power
	וויים		0.90	0.90	0.90	0.31	0.90	Excidently corporate Mail I Owel

Note:

ANNEXURE-I

Pro-forma furnishing Actual annual performance/operational data for the coal /lignite based thermal generating stations for the 5 year period from 2008-09 to 2012-2013 From Oct/ Nov 2012 onwards payment to coal companies is being made on the basis of GCV as received at plant boundary. As per FSA, payment is to be made as per the quality assessed at mine end. Accordingly substantial amount billed by Coal companies are yet to be paid. Prices indicated above reflect the payment being made to Coal Companies.

GCV of Domestic Coal as received is being measured only from Oct/Nov 2012