

## Annexure-I

## Pro-forma for furnishing Actual annual performance/operational data for the coal/lignite based thermal generating stations for the 5-year period from 2012-13 to 2016-17

Sl.No.	Particulars	Units	2012-13	2013-14	2014-15	2015-16	2016-17	Basis of Information/ Methodology/ Remarks
1	Name of Company		NTPC Ltd.					Requirement based on 95% PLF
2	Name of Station/ Pit head or Non- Pit head		Talcher Thermal Power Station (pit-head)					
3	Installed Capacity and Configuration	MW	4 X 60 + 2 X 110 = 460 MW					
4	Rated Steam Parameters (Also state the type of Steam turbine and Boiler)		<b>60 MW unit:</b> Boiler: Front Fired Boiler (Babcock & Wilcox make), Capacity: 272 T/Hrs MCR, Tempt. (513 ± 5) Deg C Turbine: 88 Kg/Cm <sup>2</sup> , 510 Deg C (GE make) <b>110 MW unit:</b> Boiler: Corner Fired Boiler (BHEL make), Capacity: 375 T/Hrs MCR, Tempt. (535±10) Deg C Turbine: 130 Kg/Cm <sup>2</sup> , 535 Deg C for both SH & RH steam at Turbine I/L (BHEL make)					
5	Type of BFP		Electric Driven					
6	Circulating water system		Close Cycle					
7	Any other Site specific feature							
8	Fuels :							
8.1	Primary Fuel :		Coal/ Lignite					
8.1.1	Annual Allocation or/and Requirement		Annual allocation through Modified FSA dated 30.08.2016 with MCL for Talcher Thermal - 3.0 MMTT Annual Requirement : 3.1					
8.1.2	Sources of supply/ procurement along with contracted quantity and grade of coal		MCL 2.50      2.50      2.50      2.50      3.00 MCL: G 8 to G13					
8.1.2.1	FSA	LOA MoU	MMT	3.10	3.15	3.18	2.91	3.19
8.1.2.2	Imported		MMT	0.00	0.00	0.00	0.00	0.00
8.1.2.3	Spot Market/e-auction		MMT	0.00	0.00	0.00	0.00	0.00
8.1.3	Transportation Distance of the station from the sources of supply		KM	MCL: 19 Km (D B Colly sdng, Talcher)				
8.1.4	Mode of Transport			Rail/ Belt				
8.1.5	Maximum Station capability to stock primary fuel		Days & MT	39.9/ 0.3				
8.1.6	Maximum stock maintained for primary fuel		MT	256611	246586	317000	284379	251000
8.1.7	Minimum Stock maintained for primary fuel		MT	41127	61529	159000	92677	40000
8.1.8	Average stock maintained for primary fuel		MT	147491	170168	249018	199040	133123
8.2	Secondary Fuel :			HSD/ LDO/HFO				
8.2.1	Annual Allocation/ Requirement		KL	LDO: 400 KL, HSD: 660 KL & HFO: 315 KL				
8.2.2	Sources of supply			LDO & HFO: IOCL, Visakhapatnam, Andhra Pradesh HSD: IOCL, Bhubaneswar, Odisha				

8.2.3	Transportation Distance of the station from the sources of supply		KM	For HSD: 135 KMs / For LDO/HFO: 540 KMs				
8.2.4	Mode of Transport			Road				
8.2.5	Maximum Station capability to stock secondary fuels	KL		250 (HSD) / 250 (LDO) / 4000(HFO)				
8.2.6	Maximum Stock of secondary oil actually maintained	HSD	KL	243				
		LDO		236				
		HFO		801				
8.2.7	Minimum Stock of secondary oil actually maintained	HSD	KL	69				
		LDO		65				
		HFO		411				
8.2.8	Average Stock of secondary oil actually maintained	HSD	KL	176				
		LDO		180				
		HFO		618				
<b>9</b>	<b>Cost of Spares :</b>							
9.1	Cost of Spares capitalized in the books of accounts	Rs. Lakhs	709.44	832.87	3485.94	1389.20	956.08	
9.2	Cost of spares included in capital cost for the purpose of tariff	Rs. Lakhs	0.00	0.00	0.00	0.00	0.00	
<b>10</b>	<b>Generation :</b>							
10.1	-Actual Gross Generation at generator terminals	MU	3879.30	3828.81	3783.86	3763.75	3759.51	
10.2	-Actual Net Generation Ex-bus	MU	3471.82	3424.49	3382.03	3362.56	3359.19	
10.3	-Scheduled Generation Ex-bus	MU	3452.02	3407.99	3363.93	3350.75	3355.22	
<b>11</b>	<b>Average Declared Capacity (DC)</b>	MW	394.06	389.31	384.04	383.08	383.10	
<b>12</b>	<b>Actual Auxiliary Energy Consumption excluding colony consumption</b>	MU	399.76	395.11	394.24	393.64	391.44	
<b>13</b>	<b>Actual Energy supplied to Colony from the station</b>	MU	7.67	7.54	7.25	7.82	9.04	
<b>14</b>	<b>Primary Fuel :</b>							
14.1	Consumption :	MT	3166131	3121165	3083631	3096096	3005719	
14.1.1	Domestic coal	From linked mines	MT	3166131	3121165	3083631	3096096	3005719
		Non-linked mines	MT	NA	NA	NA	NA	NA
14.1.2	Imported coal	MT	NA	NA	NA	NA	NA	
14.1.3	Spot market/e-auction coal	MT						
14.2	<b>Gross Calorific Value (GCV) :</b>							
14.2.1	Domestic Coal	(As Billed) (Eq. Basis)	kCal/kg	3828	3810	3789	3758	3738
		(As Received) (TM Basis)	kCal/kg			3426	3422	3534
		(As Fired) (TM Basis)	kCal/kg	NA	NA	NA	NA	NA

14.2.2	Imported Coal	(As Billed) (ADB)	kCal/kg	NA	NA	NA	NA	NA	
		(As Received) (ADB Basis)	kCal/kg	NA	NA	NA	NA	NA	
14.2.3	Spot market/e-auction coal	(As Billed)	kCal/kg	NA	NA	NA	NA	NA	
		(As Received)	kCal/kg	NA	NA	NA	NA	NA	
14.2.4	Weighted Average Gross Calorific value (As Billed)		kCal/kg	3828	3810	3789	3758	3738	
14.2.5	Weighted Average Gross Calorific value (As Received)		kCal/kg			3426	3422	3534	
14.2.6	Weighted Average Gross Calorific value (As Fired)		kCal/kg	3455	3442				
14.3	Price of coal :								
14.3.1	Weighted Average Landed price of Domestic coal				1033.79	1110.56	1311.23	1496.04	1814.77
14.3.2	Weighted Average Landed Price of Imported coal				-	-	-	-	-
14.3.3	Weighted Average Landed Price of Spot market/e-auction				-	-	-	-	-
14.3.4	Weighted Average Landed Price of all the Coals				1033.79	1110.56	1311.23	1496.04	1814.77
14.4	Blending :		% and MT ( of the total coal consumed )	NA	NA	NA	NA	NA	
14.4.1	Blending ratio of imported coal with domestic coal		Equivalent to domestic coal						
14.4.2	Proportion of e-auction coal in the blending			NA	NA	NA	NA	NA	
14.5	Actual Average Coal stock maintained			MT	147491	170168	249018	199040	133123
				Days	18.49	21.33	31.22	24.95	16.69
14.5	Actual Transit & Handling Losses for coal/Lignite				0.16	0.15	0.12	0.13	0.28
14.5.1	<b>Pit- Head Station</b>								
14.5.1.1	Transit loss from linked mines		%	0.34%	0.34%	0.2% Belt 0.8% Rake	0.2% Belt 0.8% Rake	0.2% Belt 0.8% Rake	
14.5.1.2	Transit loss from non-linked mines including e-auction coal			NA	NA	NA	NA	NA	
14.5.1.3	Transit loss of imported coal			NA	NA	NA	NA	NA	
14.5.2	<b>Non-Pit Head station</b>								
14.5.2.1	Transit loss from linked mines (MGR/ Rail)			MT	NA	NA	NA	NA	NA
				%	NA	NA	NA	NA	NA
14.5.2.2	Transit loss from non-linked mines including e-auction coal mines.			NA	NA	NA	NA	NA	
14.5.2.3	Transit loss of imported coal			MT	NA	NA	NA	NA	NA
				%	NA	NA	NA	NA	NA

<b>15</b>	Secondary Fuel Oil : ( If more than one fuel used then give details of all the fuels							
15.1	Consumption	HSD		700.0	790.0	733.0	768.4	501.5
		LDO	KL	480.5	411.6	411.5	307.6	468.0
		HFO		284.0	335.4	364.5	356.8	233.5
15.2	Weighted Average Gross Calorific value (As received)		Kcal/Ltr	9445.0	9431.0	9447.0	9424.0	9474.0
15.3	Weighted Average Price	HSD	Rs/KL	47244.6	60915.7	61018.4	48448.8	48909.3
		LDO	Rs/KL	59811.9	64492.9	62924.3	47041.8	42552.6
		HFO	Rs/KL	41560.9	46089.2	48017.7	45016.5	37033.9
		Total	Rs/KL	50265.7	58638.8	58397.8	47292.0	44131.2
15.4	Actual Average Stock maintained	HFO	KL		367	316	290	293
<b>16</b>	Weighted average duration of outages( unit-wise							
16.1	Planned Outages	Days		17.51	20.14	20.25	19.62	23.69
16.2	Forced Outages	Days		5.23	6.87	7.46	9.00	5.53
16.3	Number of tripping	Nos		25	31	33	29	34
16.4	Number of start-ups:	Nos		48	46	56	54	52
16.4.1	Cold Start-up	Nos		12	14	14	19	15
16.4.2	Warm Start-up	Nos		22	20	26	25	22
16.4.3	Hot start-up	Nos		14	12	16	10	15
<b>17</b>	NOx , SOx ,and other particulate matter emission in :							
17.1	Design value of emission control equipment	mg/Nm3	ESP design dust outlet Conc.: 60 MW = 150					
17.2	Actual emission Stage-I	SPM	mg/Nm3	131	113	93	93	92
		SOX	mg/Nm3	1008	1028	93	1075	1205
		NOX	mg/Nm3	331	341	311	452	580
17.2	Actual emission Stage-II	SPM	mg/Nm3	143	140	97	97	94
		SOX	mg/Nm3	1006	1055	597	1116	1175
		NOX	mg/Nm3	326	365	348	478	570
<b>19</b>	Detail of Ash utilization % of fly ash produced		%	63.42	41.23	55.43	105.05	118.17
19.1	Conversion of value added product	%		21.58	11.86	29.37	61.17	72.31
19.2	For making roads & embarkment	%		0.00	0.00	0.00	0.00	5.90
19.3	Land filling	%		5.56	5.12	4.60	0.00	1.33
19.4	Used in plant site in one or other form or used in some	%		36.28	24.25	21.47	43.87	38.64
19.5	Any other use , Please specify	%		0.00	0.00	0.00	0.00	0.00
<b>20</b>	Cost of spares actually consumed		Rs. Lakhs	2003.59	2325.71	2478.68	3053.64	2810.38
<b>21</b>	Average stock of spares		Rs. Lakhs	4970.86	5261.42	5602.66	5022.58	4447.88
<b>22</b>	Number of employees deployed in O&M							
22.1	- Executives			228	240	229	200	184
22.2	- Non Executives			582	511	431	357	301
22.3	- Corporate office			3170	3051	2916	2973	2787
<b>23</b>	Man-MW ratio			1.76	1.63	1.43	1.21	1.05

As on last day of FY

Note: Allocation of stations attached at Appendix-I  
Man-MW ratio computed excluding Corporate Employees  
Average Coal stock computed based on monthly closing stock

## DETAILS OF OPERATION AND MAINTENANCE EXPENSES

Name of the Company:

NTPC Ltd.

Name of the Power Station:

Talcher Thermal Power Station (460 MW)

Rs. Lakhs

Sl. No.	Items	2012-13	2013-14	2014-15	2015-16	2016-17
1	Consumption of stores & spares	2003.59	2325.71	2478.68	3053.64	2810.38
2	Repair & Maintenance	2877.12	2998.32	3569.94	3433.62	4301.93
3	Insurance	123.80	147.95	146.47	124.45	129.36
4	Security	1055.08	1095.42	1286.77	1288.91	1554.24
5	Water Charges	653.68	660.77	662.65	664.37	662.55
6	Administrative Expenses					
6.1	Rent	0.00	0.00	0.00	0.00	0.00
6.2	Electricity charges	84.51	88.11	95.49	119.48	162.27
6.3	Travelling & Conveyance	344.40	353.64	361.04	341.85	294.45
6.4	Communication Expenses	59.08	56.59	54.01	78.88	71.18
6.5	Advertising	5.03	8.56	1.86	2.54	2.95
6.6	Foundation Laying & Inauguration	0.00	0.00	0.00	0.00	0.00
6.7	Donation	0.00	0.00	0.00	0.00	0.00
6.8	Entertainment	16.75	18.96	31.27	23.71	21.35
6.9	Filing fee	18.40	20.24	20.24	20.24	20.24
	Subtotal (Administrative Expenses)	<b>528.17</b>	<b>546.10</b>	<b>563.91</b>	<b>586.71</b>	<b>572.45</b>
7.0	Employee Cost					
7.1.1	Salaries, Wages & Allowances	7241.38	7163.48	6997.72	6128.98	7048.89
7.1.2	Pension	4129.50	5816.84	3839.13	3751.63	2690.69
7.1.3	Gratuity	250.80	67.58	-38.64	-19.87	976.20
7.1.4	Provident Fund	543.14	590.01	552.81	516.29	474.16
7.1.5	Leave Encashment	1049.15	1046.75	865.48	802.09	1005.65
7.2	Staff welfare expenses					
7.2.1	-Medical expenses on superannuated employees	31.16	47.81	61.03	136.23	25.99
7.2.2	-Medical expenses on regular employees & others	646.13	617.45	719.86	681.61	608.63
7.2.3	-Uniform/Livries & safety equipment	60.08	178.15	145.60	127.65	154.13
7.2.4	-Canteen expenses	115.05	106.25	108.29	115.98	123.18
7.2.5	-Other staff welfare expenses	127.96	149.74	151.87	155.38	194.42
	Subtotal (Staff welfare Expenses)	<b>980.38</b>	<b>1099.40</b>	<b>1186.65</b>	<b>1216.85</b>	<b>1106.35</b>
7.3	Productivity linked Incentive	381.30	310.37	169.06	107.49	-0.01
7.4	Expenditure on VRS	0.00	0.00	42.02	0.00	0.00
7.5	Ex-gratia	300.88	271.86	388.06	237.61	194.25
7.6	Performance Related Pay (PRP)	404.34	220.58	342.01	407.70	496.89
	Sub Total (Employee Cost)	<b>15280.86</b>	<b>16586.88</b>	<b>14344.29</b>	<b>13148.77</b>	<b>13993.08</b>
8	Loss of Store	0.00	0.00	0.00	0.00	0.00
9	Provisions	1144.50	3.17	63.05	18.85	7.33
10	Prior Period Expenses	56.77	3.51	0.00	0.00	0.00
11	Corporate Office expenses allocation	1183.45	1198.77	1273.07	1312.90	1338.00
12	Others					
12.1	Rates & Taxes	8.81	14.76	19.67	17.10	12.47
12.2	Water cess	24.75	24.75	24.75	24.82	24.75
12.3	Training & recruitment expenses	36.20	32.26	40.58	42.56	42.40
12.4	Tender Expenses	42.58	37.52	32.19	43.15	22.91
12.5	Guest house expenses	61.69	55.74	61.88	34.56	31.40
12.6	Education expenses	41.92	21.40	447.72	35.65	18.96

Rs. Lakhs

Sl. No.	Items	2012-13	2013-14	2014-15	2015-16	2016-17
12.7	Community Development Expenses	539.93	557.73	200.23	1877.45	1222.94
12.8	Ash utilisation expenses	0.00	-39.65	-27.41	-60.66	-23.20
12.9	Books & Periodicals	2.75	1.03	1.01	0.80	1.46
12.10	Professional Charges	17.70	55.84	46.85	118.68	70.38
12.11	Legal expenses	17.56	10.39	24.04	7.46	24.63
12.12	EDP Hire & other charges	45.57	55.18	88.32	73.53	40.18
12.13	Printing & Stationery	26.12	31.53	12.55	21.53	17.88
12.14	Misc Expenses	257.71	285.08	299.41	5969.66	-79.04
	Sub Total (Others)	<b>1123.30</b>	<b>1143.56</b>	<b>1271.79</b>	<b>8206.26</b>	<b>1428.13</b>
13	(Total 1 to 12)	<b>26030.33</b>	<b>26710.14</b>	<b>25660.62</b>	<b>31838.47</b>	<b>26797.45</b>
14	Revenue / Recoveries	-22.02	-25.58	-28.68	-27.53	-28.62
15	Net Expenses	<b>26008.30</b>	<b>26684.57</b>	<b>25631.94</b>	<b>31810.94</b>	<b>26768.83</b>
16	Capital spares consumed	280.10	399.84	490.15	480.95	180.64
	Total O&M Cost	<b>26288.40</b>	<b>27084.41</b>	<b>26122.09</b>	<b>32291.89</b>	<b>26949.47</b>

## Annexure-VI (C)

## DETAILS OF WATER CHARGES

Name of the Company: NTPC Ltd.

Name of the Power Station and Stage/Phase: Talcher Thermal Power Station (460 MW)

(Rs. In Lakhs)

Sl.No.	ITEM	2012-13	2013-14	2014-15	2015-16	2016-17
1	2	3	4	5	6	7
(A)	Plant					
1	Type of Plant	Coal Fired Thermal Power Plant				
2	Type of Cooling Tower	IDCT				
3	Type of Cooling Water System	Closed system				
4	Any Special Features which may increase/reduce water consumption					
(B)	Quantum of Water : ( Cubic Meter)					
5	Contracted Quantum	14526318	14683805	14723370	14763708	14723370
6	Allocation of Water	14526318	14683805	14723370	14763708	14723370
7	Actual water Consumption	NA	6160111	10613994	10907025	12978921
8	Rate of Water Charges	653.68	660.77	660.77	662.59	660.77
9	Other charges/Fees , if paid as part of Water Charges Rs lakhs	24.75	24.75	24.75	24.82	24.75
10	Water Conservation Fund as per Govt. of Odisha Gazzatte Notification 24011-Irr-I-WB-9/2015/WR dated 03.11.2015 1st Installment (Rs in Lakhs)					824.5
	Total water Charges Paid (Rs in Lakhs)	678.43	685.52	685.52	687.41	1510.02

**Annexure-VI (D)****Details of capital Spares****Name of Company:- NTPC LIMITED****Name of Power station:- TALCHER POWER STATION**

Rs. Lakhs

Sl . No.	ITEM	2012-13	2013-14	2014-15	2015-16	2016-17
(A)	Details of capital spares in Opening stock	5347.34	5776.68	6209.71	9205.50	10113.76
(B)	Details of capital spares procured during the year	709.44	832.87	3485.94	1389.20	956.08
(C)	Details of capital spares consumed during the year	280.10	399.84	490.15	480.95	180.64
(D)	Details of capital spares closing at the end of the year	5776.68	6209.71	9205.50	10113.76	10889.20

**Note: Details of spares being provided in soft copy as voluminous**



## Annexure-XIX

Name of the Utility: NTPC Ltd														
Name of the Generating Station: Talcher TPS														
Station/ Stage/ Unit: 4 X 60 + 2 X 110														
Fuel Type (Coal/ Lignite/ Gas/ Liquid Fuel/ Nuclear/ Hydro): Coal														
Capacity of Plant (MW): 460 MW														
COD : 03.06.1995 (Date of Takeover)														
		2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
1	Plant Availability Factor (PAF) (%)	85.59	91.70	88.04	83.83	92.64	90.28	93.58	91.88	95.84	94.56	93.29	92.79	93.05
2	Plant Load Factors (PLF) (%)	79.33	87.60	88.10	86.35	92.68	90.87	94.22	92.56	96.27	95.02	93.90	93.15	93.30
3	Scheduled Energy (MU)	0.00	0.00	0.00	3112.11	3339.23	3255.76	3374.19	3322.55	3452.02	3407.99	3363.93	3350.75	3355.22
4	Scheduled Generation (MU)				3112.11	3339.23	3255.76	3374.19	3322.55	3452.02	3407.99	3363.93	3350.75	3355.22
5	Actual Generation (MU)	2858.41	3174.28	3188.54	3134.69	3364.65	3278.32	3395.90	3342.33	3471.87	3426.16	3382.38	3362.29	3359.03
6	Quantum of coal consumption (MT)	2577585	2838028	2836370	2803758	3011394	2972178	3098774	3044476	3166131.00	3121165	3083631	3096096	3005719
7	Value of coal (Rs. Lakh)					27422	25895	28090	29698	32731	34663	40433	46319	54547
8	Specific Coal Consumption (kg/kwh)	0.81	0.80	0.80	0.80	0.81	0.81	0.82	0.81	0.82	0.82	0.82	0.82	0.80
9	Gross Calorific Value of Coal (Kcal/ Kg)	3617.00	3619.00	3630.00	3586.00	3552.00	3515.00	3487.00	3487.00	3455.00	3442.00	3426.00	3422.00	3534.00
10	Heat Contribution of Coal (Kcal/ kwh)	2915.30	2909.68	2900.37	2883.14	2862.91	2854.18	2845.39	2838.42	2819.28	2805.23	2792.19	2816.31	2823.67
11	Cost Of Specific Coal Consumption (Rs./Kwh) – Finally admitted by CERC (Ex Bus) \$													
12	Quantum of Oil Consumption (KL)	2493.81	1401.22	1547.37	1682.50	1233.73	2291.45	1958.43	1648.75	1464.50	1536.97	1509.00	1432.87	1202.91
13	Value of Oil (Rs. lakh)													
14	Gross calorific value of oil (kcal/lit)	9468.0	9454.0	9478.0	9533.0	9491.0	9436.0	9468.0	9437.0	9445.00	9431.0	9447.0	9424.0	9474.0
15	Specific Oil Consumption (ml/ kwh)	0.78	0.40	0.44	0.48	0.33	0.63	0.52	0.44	0.38	0.40	0.40	0.38	0.32
16	Cost Of Specific Oil Consumption (Rs./Kwh) – Finally admitted by CERC (Ex Bus) \$													
17	Heat Contribution of Oil (Kcal/ kwh)	7.4	3.8	4.2	4.6	3.1	5.9	4.9	4.2	3.59	3.8	3.8	3.6	3.0
18	Station Heat Rate (kcal/kwh)	2924	2913	2904	2886	2866	2859	2851	2842	2823.00	2810	2796	2819	2829
19	Auxiliary Energy Consumption (%)	10.580	10.070	10.190	10.150	9.910	10.470	10.560	10.640	10.500	10.520	10.610	10.670	10.650
20	Debt at the end of the year (Rs. Cr)	141.75	128.16	117.22	133.50	144.70	140.06	128.67	125.46	93.03	58.45	24.91	0.00	0.00
21	Equity (Rs. Cr - (Average) #	355.96	365.78	369.76	378.99	393.45	402.78	414.20	425.16	433.73	437.46	443.35	451.26	460.43
22	Working Capital (Rs. Cr) – finally admitted by CERC	86.05	87.80	88.98	54.68	112.16	192.73	196.98	201.80	206.29	210.78	215.09	221.80	228.75
23	Capital cost (Rs. Cr) – finally admitted by CERC (Average) #	722.52	755.28	768.54	799.30	847.51	879.20	917.25	953.78	982.34	994.79	1014.43	1040.78	1071.35
24	Capacity Charges/ Annual Fixed Cost (AFC) in Rs. Cr	187.75	195.42	198.57	206.15	214.38	328.93	339.77	351.85	363.94	373.56	368.70	386.24	406.92
	(a) Return on equity – post tax (admitted by CERC) for 2004-09 & pre tax (admitted by CERC) for 2009-17 \$	49.83	51.21	51.76	53.05	55.08	94.57	96.13	97.54	99.51	100.37	86.94	88.92	90.73
	Absolute value (in Rs. Cr)	14.00	14.00	14.00	14.00	14.00	23.48	23.21	22.94	22.94	22.94	20.96	21.34	21.34
	Rate (%)													
	(b) Interest on Loan	9.24	10.53	8.94	9.33	8.70	10.48	8.93	8.22	6.88	4.37	2.64	0.86	0.00
	Absolute value (in Rs Cr)	6.95	7.81	7.29	7.44	6.25	7.32	6.65	6.47	6.30	5.78	6.61	6.93	
	Rate (%) – Weighted Average Rate													
	(c) Depreciation (finally allowed by CERC)	32.51	33.98	34.58	35.96	38.13	39.56	41.27	42.92	44.20	44.76	44.96	48.92	54.42
	Absolute value (in Rs Cr)													
	AAD													
	Rate (%)	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	spread		
	(d) Interest on working Capital													
	Absolute value (in Rs Cr)	9.17	9.41	9.57	10.53	11.49	23.61	24.13	24.72	25.27	25.82	29.03	29.94	30.88

<b>Name of the Utility: NTPC Ltd</b>														
<b>Name of the Generating Station: Talcher TPS</b>														
<b>Station/ Stage/ Unit: 4 X 60 + 2 X 110</b>														
<b>Fuel Type (Coal/ Lignite/ Gas/ Liquid Fuel/ Nuclear/ Hydro): Coal</b>														
<b>Capacity of Plant (MW): 460 MW</b>														
<b>COD : 03.06.1995 (Date of Takeover)</b>														
		<b>2004-05</b>	<b>2005-06</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>
	<b>Rate (%)</b>	10.25	10.25	10.25	10.25	10.25	12.25	12.25	12.25	12.25	12.25	13.50	13.50	13.50
	<b>(e) Operation and maintenance cost (finally admitted by CERC)</b>													
	<b>Absolute value (in Rs Cr)</b>	87	90.29	93.72	97.28	100.98	150.65	159.25	168.36	178.02	188.18	198.53	211	224.29
	<b>Water charges (finally admitted by CERC) (in Rs Cr) #</b>											6.60	6.60	6.60
	<b>Rate (%)</b>													
	<b>Normative O&amp;M Expenses (in Rs Lakh/MW) #</b>													
	<b>(f) Compensation Allowances (in Rs Cr)</b>													
<b>25</b>	<b>AFC (Rs. Kwh)</b>	0.70	0.73	0.74	0.71	0.74	1.11	1.15	1.19	1.23	1.26	1.20	1.26	1.33
<b>26</b>	<b>Energy Charge (Rs./Kwh)</b>			0.69	0.69	0.91	0.81	0.85	0.91	0.98	1.06	1.25	1.41	1.65
<b>27</b>	<b>Total tariff (Rs. Kwh)</b>			1.43	1.40	1.65	1.92	2.00	2.10	2.21	2.32	2.45	2.67	2.98
<b>28</b>	<b>Revenue realisation before tax (Rs. Crore)</b>													
<b>29</b>	<b>Revenue realisation after tax (Rs. Crore)</b>													
<b>30</b>	<b>Profit/ loss (Rs. Crore)</b>	11.80	28.64	270.90	100.88	98.14	65.32	97.75	62.41	208.01	83.68	334.05	54.55	122.52
<b>31</b>	<b>DSM Generation (MU)</b>	2858.41	3174.28	3188.54	22.59	25.43	22.57	21.71	19.78	19.85	18.17	18.45	11.55	3.81
<b>32</b>	<b>DSM Rate (Ps/Kwh)</b>													
<b>33</b>	<b>Revenue from DSM (Rs. Crore)</b>				-6.03	-8.83	-6.94	-5.19	-5.42	-4.53	-2.87	-4.01	-3.77	-2.25

**Note:**

- 1 \$ "Ex-Bus" word is additionally inserted.
- 2 # "Average" word is additionally inserted.
- 3 \$ "for 2004-09 & pre tax (admitted by CERC) for 2009-17" word is additional inserted
- 4 # Additional Row 24(e) inserted
- 5 DSM Revenue (-)Received / (+) Paid