

**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Petition No. 437/GT/2014

Coram:

Shri A.S. Bakshi, Member

Dr. M. K. Iyer, Member

Date of Order : 14.02.2017

In the matter of

Corrigendum to the order dated 17.1.2017 in Petition No. 437/GT/2014

In the matter of

Revision of tariff of Indira Gandhi Super Thermal Power Project Stage- I (3x500 MW) for the period from 5.3.2011 to 31.3.2014-Truing up of order dated 6.5.2015 in Petition No. 229/2010.

And in the matter of

Aravali Power Company Private Limited
NTPC Bhawan, Core-7, SCOPE Complex,
7, Institutional Area, Lodhi Road,
New Delhi-110003

.....Petitioner

Vs

1. Haryana Power Purchase Centre,
Shakti Bhawan, Sector-IV,
Panchkula, Haryana-134109

2. Tata Power Delhi Distribution Company Ltd
(erstwhile North Delhi Power Ltd)
Grid Substation, Hudson road,
Kingsway Camp, Delhi-110009

3. BSES Rajdhani Power Ltd.,
BSES Bhawan,
Nehru Place, New Delhi-110019

4. BSES Yamuna Power Ltd.
Shakri Kiran Building,
Karkardooma, Delhi-110092

...Respondents



CORRIGENDUM

This petitioner, Aravali Power Company Private Limited (APCPL), has filed this petition for revision of the annual fixed charges in respect of Indira Gandhi Super Thermal Power Project, Stage-I (3 x 500 MW) ('the generating station') for the period from 5.3.2011 to 31.3.2014 after truing up in terms of clause (1) of Regulation 6 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2009.

2. The Commission by order dated 17.1.2017 had approved the annual fixed charges of generating station from 5.3.2011 to 31.3.2014, as under:

	2010-11 (5.3.2011 to 31.3.2011)	2011-12	2012-13		2013-14	
			(1.4.2012 to 20.4.2012)	(21.4.2012 to 31.3.2013)	(1.4.2013 to 25.4.2013)	(26.4.2013 to 31.3.2014)
Depreciation	13384.34	13975.06	14575.70	20502.87	25392.71	31147.79
Interest on Loan	23452.72	23877.77	24159.14	31219.71	38230.55	44632.46
Return on Equity	14524.20	18958.49	19743.77	25505.28	31643.82	37871.16
Interest on Working Capital	3994.97	4124.04	4168.74	14199.77	14669.68	20181.52
O&M Expenses	6870.00	7265.00	7680.00	15360.00	16240.00	23548.00
Secondary fuel oil cost	1626.61	1631.07	1626.61	4423.80	4423.80	7012.02
Total	63852.84	69831.44	71953.96	111211.43	130600.56	164392.94

3. It is noticed that in the order dated 17.1.2017, certain inadvertent clerical errors have occurred in the opening equity as on 21.4.2012, opening gross loan as on 21.4.2012, opening gross block as on 21.4.2012 and interest on working capital.

4. Accordingly, in terms of the Regulation 111 read with Regulation 103A of the Conduct of Business Regulations 1999, the errors are sought to be corrected and the annual fixed charges as determined in order dated 17.1.2017 in respect of this generating station is modified as stated in the subsequent paragraphs:-



Return on Equity

5. The table under para 49 of the order dated 17.1.2017 modified as under:-

(₹ in lakh)

	2010-11 (5.3.2011 to 31.3.2011)	2011-12	2012-13		2013-14	
			(1.4.2012 to 20.4.2012)	(21.4.2012 to 31.3.2013)	1.4.2013 to 25.4.2013)	(26.4.2013 to 31.3.2014)
Notional Equity-Opening	93621.43	93787.55	101892.80	151911.15	155923.98	218272.56
Addition of Equity due to additional capital expenditure	166.12	8105.25	0.00	4012.84	11.41	10097.45
Normative Equity-Closing	93787.55	101892.80	101892.80	155923.98	155935.39	228370.01
Average Normative Equity	93704.49	97840.18	101892.80	153917.57	155929.69	223321.28
Return on Equity (Base Rate) %	15.500	15.500	15.500	15.500	15.500	15.500
Tax Rate for the year (%)	0.000	20.008	20.008	20.008	20.961	20.961
Rate of Return on Equity (Pre Tax) (%)	15.500	19.377	19.377	19.377	19.610	19.610
Return on Equity(Pre Tax) (Annualised)	14524.20	18958.49	19743.77	29824.61	30577.81	43793.30

Interest on Loan

6. The table under Para 51 of the order dated 17.1.2017 modified as under:-

(₹ in lakh)

	2010-11 (5.3.2011 to 31.3.2011)	2011-12	2012-13		2013-14	
			(1.4.2012 to 20.4.2012)	(21.4.2012 to 31.3.2013)	(1.4.2013 to 25.4.2013)	(26.4.2013 to 31.3.2014)
Gross opening loan	218450.01	218837.62	237749.87	384237.66	393600.95	509302.64
Cumulative repayment of loan upto previous year	0.00	990.07	14446.04	15244.71	38906.99	40646.22
Net Loan Opening	218450.01	217847.54	223303.83	368992.96	354693.96	468656.42
Addition due to additional capital expenditure	387.60	18912.26	0.00	9363.28	26.62	23560.72
Repayment of loan during the year	990.07	13975.06	798.67	23662.28	1739.23	32954.66
Adj. due to de-capitalisation during the year / period	0.00	519.09	0.00	0.00	0.00	0.00



	2010-11 (5.3.2011 to 31.3.2011)	2011-12	2012-13		2013-14	
			(1.4.2012 to 20.4.2012)	(21.4.2012 to 31.3.2013)	(1.4.2013 to 25.4.2013)	(26.4.2013 to 31.3.2014)
Net Repayment	990.07	13455.96	798.67	23662.28	1739.23	32954.66
Net Loan Closing	217847.54	223303.83	222505.17	354693.96	352981.35	459262.48
Average Loan	218148.78	220575.69	222904.50	361843.46	353837.65	463959.45
Weighted Average Rate of Interest of loan	10.7508	10.8252	10.8383	10.8393	10.8399	10.8488
Interest on Loan (Annualised)	23452.72	23877.77	24159.14	39221.36	38355.55	50333.87

Depreciation

7. The table under para 53 of the order dated 17.1.2017 modified as under:-

(₹ in lakh)

Particulars	2010-11 (5.3.2011 to 31.3.2011)	2011-12	2012-13		2013-14	
			(1.4.2012 to 20.4.2012)	(21.4.2012 to 31.3.2013)	(1.4.2013 to 25.4.2013)	2013-14 (26.4.2013 to 31.3.2014)
Opening Capital Cost	312071.45	312625.17	339642.67	536148.81	549524.93	727575.20
Add: Additional Capital Expenditure	553.72	27017.51	0.00	13376.12	38.03	33658.17
Closing Capital Cost	312625.17	339642.67	339642.67	549524.93	549562.96	761233.37
Average Capital Cost	312348.31	326133.92	339642.67	542836.87	549543.95	744404.28
Depreciable value @ 90%	237504.62	249163.95	260574.10	443359.53	449305.41	624332.26
Balance depreciable value	237504.62	235779.61	233250.59	401460.32	382372.19	532006.34
Rate of Depreciation (%)	4.2851	4.2851	4.2915	4.6117	4.6207	4.7525
Depreciation (Annualised)	13384.34	13975.06	14575.70	25034.01	25392.71	35377.80
Cumulative depreciation at the end	990.07	14929.24	15727.91	39390.19	41129.42	74084.08
Less: Cumulative Depreciation reduction due to de-capitalization	0.00	35.89	0.00	0.00	0.00	0.00
Cumulative depreciation (at the end of the period)	990.07	14929.24	15727.91	39390.19	41129.42	74084.08

Interest on Working capital

8. The table under para 62 of the order dated 17.1.2017 modified as under:-



(₹ in lakh)

	2010-11 (5.3.2011 to 31.3.2011)	2011-12	2012-13 (1.4.2012 to 20.4.2012)	2012-13 (21.4.2012 to 31.3.2013)	2013-14 (1.4.2013 to 25.4.2013)	2013-14 (26.4.2013 to 31.3.2014)
Cost of coal- 2 months	11729.10	11761.23	11729.10	40779.47	40779.47	58825.42
Oil stock-2 Months	271.10	271.85	271.10	737.30	737.30	1168.67
O & M expenses- 1 Month	572.50	605.42	640.00	1280.00	1353.33	1962.33
Maintenance Spares	1374.00	1453.00	1536.00	3072.00	3248.00	4709.60
Receivables- 2 months	22371.24	23399.80	23721.42	62188.04	62385.78	88925.94
Total Working Capital	36317.93	37491.30	37897.62	108056.81	108503.89	155591.97
Rate of Interest (%)	11.00	11.00	11.00	13.50	13.50	13.20
Interest on Working Capital	3994.97	4124.04	4168.74	14587.67	14648.02	20538.14

Annual Fixed Charges

9. Based on above the annual fixed charges determined by order dated 17.1.2017 for the period 2010-14 stands modified as under:-

(₹ in lakh)

	2010-11 (5.3.2011 to 31.3.2011)	2011-12	2012-13 (1.4.2012 to 20.4.2012)	2012-13 (21.4.2012 to 31.3.2013)	2013-14 (1.4.2013 to 25.4.2013)	2013-14 (26.4.2013 to 31.3.2014)
Depreciation	13384.34	13975.06	14575.70	25034.01	25392.71	35377.80
Interest on Loan	23452.72	23877.77	24159.14	39221.36	38355.55	50333.87
Return on Equity	14524.20	18958.49	19743.77	29824.61	30577.81	43793.30
Interest on Working Capital	3994.97	4124.04	4168.74	14587.67	14648.02	20538.14
O&M Expenses	6870.00	7265.00	7680.00	15360.00	16240.00	23548.00
Secondary fuel oil cost	1626.61	1631.07	1626.61	4423.80	4423.80	7012.02
Total	63852.84	69831.44	71953.96	128451.45	129637.89	180603.13

Note: (1) All figures are on annualised basis. (2) All figures under each head have been rounded. The figure in total column in each year is also rounded. As such, the sum of individual items may not be equal to the arithmetic total of the column

10. All other conditions in order dated 17.1.2017 shall remain unchanged.

Sd/-
(Dr. M.K.Iyer)
Member

Sd/-
(A. S. Bakshi)
Member

