

Wanting Information in OPTCL's ARR Filing, 2008-09

TECHNICAL:

1. The CERC Tariff Regulation 51 stipulates target availability at 98% for AC system for Recovery of full transmission charges. OPTCL, therefore, should compute system availability for its own transmission network for FY 2007-08 (April-October) and submit it to the Commission. The transmission availability may be computed following procedure for calculation of transmission system availability as laid down in Appendix III of the above CERC Regulation.
2. There is mismatch between the Ckt. Km. of EHT lines and No. of S/S submitted in the ARR with those submitted earlier in the Business Plan and annual statement of system performance for the same period. This needs to be reconciled. The following table clarifies the quantum of mismatch in the OPTCL's various filings.

Lines & S/S as on 01.04.07 in Ckt. Km. & No.	As submitted in ARR filing	As submitted in the annual statement of system performance for 2006-07	As submitted in the Business Plan in October'07
400 KV line (Ckt. Km.)	442.70	460.5	460.5
220 KV line (Ckt. Km.)	4834.58	4482.4	4482.4
132 KV line (Ckt. Km.)	4797.60	4613.1	4613.1
400/220/132 KV S/S (No.)	1	1	1
220/132/33 KV S/S (No.)	12	12	12
220/33 KV S/S (No.)	4	3	3
132/33 KV S/S (No.)	58	58	58
132 KV Switching Station (OPTCL) (No.)	2	2	2
132 KV LILO Switching Stations of Industries (No.)	6	5	5

3. OPTCL has proposed 5% transmission loss for 2008-09 considering the loss of 5.2% estimated for 1st six months of 2007-08. However, in the load forecast filing for 2007-16, OPTCL has taken 5% transmission loss for the initial year 2006-07. In that, it has considered a reduction of 0.2% in transmission loss in steps every year. Thus in the year 2008-09, transmission loss should have been 4.6% instead of 5%.

FINANCE:

4. Information required under the following financial formats have not been furnished. The same may be submitted.

<u>TRF No.</u>	<u>Name of TRF</u>
10	Information on inventory
14	Repair and maintenance expenses
17	Consolidated report on CWIP
18	Consolidated report on addition to fixed asset during the year

5. Audited account for the financial year 2006-07 is not available. The same may be submitted.

6. **Employees cost**

- (a) Information on reduction in number of employees, induction of new employees and its impact on employees cost is not available. The same may be submitted on the following format:

- 1) No. of employees existing (as on 01.04.2005)
- 2) Retired employees (as on 01.04.2005)
- 3) Year wise induction of new employees and cost involved (2005-06 to 2008-09)
- 4) Reduction in number of employees and saving in cost (2005-06 to 2008-09)
- 5) Addition to the number of retired employees and the cost involved thereof (2005-06 to 2008-09)

- (b) The Commission in its tariff order for FY 2007-08 had stated that OPTCL should verify the official receipts from trust, duly acknowledging the contribution from the licensees towards the trust fund from time to time. This has not been complied. As such copies of the document showing the investment in trust fund may be furnished.

7. **A&G Expenses:** Under the head A&G expenses, OPTCL has proposed Rs.25.93 crore for the FY 2008-09. This includes an amount of Rs.19.17 crore booked under other expenses. The break up of other expenses needs to be submitted.

8. **R&M Expenses:** Under the head R&M expenses, OPTCL has proposed an amount of Rs.82.12 crore for the year 2008-09 as against an amount of Rs.54 crore approved for the year 2007-08. Actual expenditure for the FY 2007-08 (upto November) along with the actual figure for FY 2006-07 may be submitted.

9. **Interest on Loan:** The electronics copy of calculation of interest in format TRF-3 incorporates entered figures. The work sheet (software) showing calculation of interest for FY 2008-09 may be submitted for verification.

10. **Capital Investment:**

- a. The proposed capital investment for FY 2008-09 submitted by the licensee do not match with the figures given in the balance sheet and also in TRF-2. The proposed filing figure is at Rs.318.51 crore whereas the same computed from the balance sheet works out to Rs.400.67 crore and in TRF-2, the corresponding figure is Rs.476.09 crore. This needs to be clarified.
- b. The year-wise phasing of capital expenditure filed by the licensee in the ARR in some case does not match with the capital investment proposal submitted by the licensee for approval. In item 9, the licensee proposed to do the construction work of 2x20 MVA, 132/33 KV s/s at Anandpur with associated line (29.834 kms), the estimated cost of which is 23.20 crore. The scheduled date of commencement of the project is proposed in the year 2008-09 and completion date is 2009-10. But in the proposal sent to the Commission for approval the scheduled date of commencement is stated to be in the year 2007-08 and the completion year is 2008-09. This needs to be clarified. Similarly, if any mismatch is found in other projects, the same may be explained.

PERFORMANCE DATA:

11. TRP-1: Data relating to voltage fluctuations have not been filled in.
12. TRP-3: Information relating to unscheduled tripping as required under TRP-3 has not been submitted.
13. TRP-8: Availability of transmission lines for power supply as required under TRP-8 needs to be furnished.

TRANSMISSION LINES AND GRID SUB-STATIONS:

14. TRL-1: Information required for Transmission Tariff under Format TRL-1 have not been filled in.
15. TRL-3: Abstract of GRID Sub-stations zone-wise as required under Format TRL-3 has not been furnished.
16. TRL-9: Abstract of transmission lines and GRID sub-stations as required under Format TRL-9 have not been submitted.

NEW PROJECTS

17. OPTCL has proposed to spend Rs.318.51 cr. out of which Rs.50 cr. and Rs.18.01 cr. have been earmarked for ULDC and IT respectively. Balance Rs.250.50 cr. has been earmarked for lines & S/S. The cost of various projects, expenditures made/to be made on them and the time limit of completion as submitted by OPTCL at various points of time vis-à-vis the ARR submission is as per the table below. OPTCL is requested to remove the anomalies completely and resubmit the information regarding new projects.

18. In addition to the above, the licensee shall give a point wise compliance to all the directions given by the Commission during the last control period (i.e. in previous tariff orders).

Sl. No.	Name of the project	Revised estimate in crores as submitted by OPTCL in its performance review for 2006-07	Estimate in crores as shown by OPTCL in the recently submitted Business Plan & ARR filing for 08-09	Actual expenditure in crores upto 31.3.07 as submitted by OPTCL in its performance review for 2006-07	Actual expenditure in crores upto 31.3.07 as submitted by OPTCL in its Business Plan as also in ARR filing	Phasing of expenditure as submitted in the Business Plan as also ARR filing				Time by which it was committed /directed to be completed as per performance review for 2006-07	Time by which it is to be completed as per Business Plan as also ARR filing
						07-08	08-09	09-10	10-11		
1)	400 KV Ib-Meramundali DC line	62.08	182.84	59	106.07	40.00	36.77				During 2008-09
2)	220 KV Budhipadar-Bolangir DC line	23.42	67	21.38	36.66	24.00	6.34			July'07	During 2008-09
3)	132 KV Bidanasi-Cuttack DC line	17.36 for Bidanasi-Cto-Mancheswar-Badagada-Utara SC line	11.55	15.93	-	8.00	3.55			December'07	During 2008-09
4)	220 KV S/S, Bhadrak along with associated lines	24.84	33.05	1.816	1.81	20.00	11.24			March'08	During 2007-08 In the business plan. However it has been deferred to 08-09 in ARR filing
5)	2x12.5 MVA transformer at Basta along with associated work.		16.98			10.00	6.98				During 2008-09
6)	2x12.5 MVA transformer at Karanjia along with associated work.		24.20			10.00	14.20				During 2008-09
7)	2x12.5 MVA transformer at Barpalli along with associated work.		15.86			5.00	10.86				During 2008-09
8)	400 KV Meramundali-Duburi DC line	179	141.48	45	9.02	50.00	38.56			December'08	During 2008-09

9)	2x20 MVA 132/33 KV S/S at Anandpur with associated works.		Cost shown by OPTCL in the recently submitted investment proposal as Rs. 23.68 cr., whereas that submitted in the ARR as also in the Business Plan is Rs.23.20 cr.				10.00	13.20	
10)	2x100 MVA 220/132 KV S/S Sarua.		20.00					10.00	10.00
11)	2x12.5 MVA 132/33 KV S/S Dabugaon		30.00					10.00	20.00
12)	2x12.5 MVA 132/33 KV S/S Banki		26.59					10.00	16.59
13)	132 KV SC line on DC tower Paradeep-Jagatsinghpur with bay extension		12.04					5.00	7.04
14)	2x12.5 MVA 132/33 KV S/S Chandpur		15.00					5.00	10.00
15)	2x12.5 MVA 132/33 KV S/S Chandpur		35.00					15.00	20.00
16)	2x315 MVA 400/220/132/33 KV S/S at Keonjhar		100.00					25.00	50.00
17)	Line for Sterlite evacuation		80.00				48.00	32.00	
	Total as submitted in the ARR filing.		834.79		153.56		215.00	250.50	190.14

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