

ORISSA ELECTRICITY REGULATORY COMMISSION
BIDYUT NIYAMAK BHAWAN
UNIT-VIII, BHUBANESWAR – 751 012

Present : Shri B.K. Das, Chairperson
 Shri S.K. Jena, Member
 Shri K.C. Badu, Member

Dated, Bhubaneswar the 2nd May, 2007

Case No.1 of 2007

Orissa Power Transmission Corporation Ltd.(OPTCL),
Janpath, Bhubaneswar.

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Petitioner

- Vers. -

1. Central Electricity Supply Utility of Orissa (CESU),
IDCO Tower, Janpath, Bhubaneswar.
2. Southern Electricity Supply Co. of Orissa Ltd. (SOUTHCO),
Courtpetta, Berhampur.
3. Western Electricity Supply Co. of Orissa Ltd. (WESCO),
Burla, Sambalpur.
4. Northern Electricity Supply Co. of Orissa Ltd. (NESCO),
Januganj, Balasore.

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Respondents

For the petitioner : Mr. K.C. Behera , Sr. G.M. (R&T), OPTCL

For the respondents : Mr. D. Biswal, CEO (F&C), CESU
 Mr. G.P. Sarkar, CEO (O), CESU
 Mr. V. Gandhi Bahu, CEO, SOUTHCO
 Maj. Gen. S.C. Dutta, CEO, WESCO
 Col. (Retd.) S.C. Mohanty, CEO, NESCO

ORDER

1. That M/s Orissa Power Transmission Corporation Ltd. (OPTCL, for short), Janpath, Bhubaneswar has applied for approval of the investment proposal to implement certain 400 KV/220 KV/132KV lines and substations as listed below amounting to Rs.216.185 crore under Licence Condition No.10. It has prayed for

being allowed to avail the loan assistance from Rural Electrification Corporation Ltd./Power Finance Corporation Ltd. The details of the proposal are as below:

Sl. No.	Proposed Project	Capital Expenditure (Rs. in crores)
1.	100 Km. 400 KV Meramundali-Duburi DC line	131.479
2.	2x100 MVA 220/132 KV Bhadrak S/S along with 1.75 Km LILO connection to 220 KV Duburi-Balasore line	27.649
3.	2x20 MVA 132/33 KV Basta S/S along with 6 Km LILO connection to 132 KV Balasore-Jaleswar line	16.985
4.	2x12.5 MVA 132/33 KV Karanjia S/S along with 23.279 Km LILO connection to 132 KV Polaspanga-Rairangpur line	24.206
5.	2x20 MVA 132/33 KV Barapalli S/S along with 3.5 Km LILO connection to 132 KV Baragarh-Bolangir line	15.866
T O T A L:		216.185 crores

2. That since the proposal exceeds Rs. 10 crores, OPTCL has asked for approval of the Commission for undertaking Major Investment as per Condition 23.1 of the Transmission Licence. Each of the proposal contains (i) need of the project, (ii) project implementation plan, (iii) procurement procedure, (iv) administrative approval, (v) environmental/forest clearance, (vi) PTCC clearance, (vii) source of funding, (viii) cost-benefit analysis, and (ix) least cost analysis.
3. That NESCO, one of the respondents has generally agreed to the investments to be made by OPTCL for the Meramundali-Duburi line, Bhadrak, Basta and Karanjia substations. It has prayed that there should be provision of at least 5 nos. of 132 KV feeder bay at 220 KV/132 KV Bhadrak S/S instead of the proposed 2 nos. It has also prayed that there should be at least 4 nos. of 33 bays each at Basta and Karanjia S/S. However, the proposal of OPTCL has got 5 nos. of 33 KV bays each at the above two substations.
4. That WESCO, the another respondent has prayed that at least five nos. of 33 KV bays should be provided at Barapalli S/S. The proposal of OPTCL for Barapalli S/S contains five nos. of 33 KV bays.

5. That SOUTHCO, the other respondent has prayed to direct OPTCL to carry out works in its area which are not filed in the OPTCL's investment proposal.
6. That CESU, the other respondent has not objected to the construction of 400 KV DC line from Meramundali to Duburi.
7. The Commission has directed OPTCL in the hearing dt.05.04.2007 to submit its written reply to the following queries:
 - (a) Quantification of saving in loss attributable to construction of 400 KV DC Meramundali-Duburi line and consequential saving in cost.
 - (b) Expected date of completion of the five number of projects envisaged in the investment proposal.
- 7.1. That in response to the query at (a) above, OPTCL submitted that there shall be a reduction of 14.82 MW due to implementation of 400 KV DC Meramundali-Duburi line. This will cause a financial benefit of Rs.926.92 lakh in terms of annual revenue.
- 7.2 That in response to the query at (b) above, OPTCL has submitted that the expected date of commissioning for the above schemes shall be 31.12.2008, 31.03.2008, 31.10.2008, 30.06.2008 & 30.06.2008 respectively.
8. Considering the facts and circumstances stated above, the Commission is of the view that the above five transmission projects are essential for the development of the state and hence the investment proposal submitted by OPTCL vide its application dt.24.11.2006 stands approved, subject to the observance of all the departmental formalities.

Sd/-
(K.C. Badu)
Member

Sd/-
(S.K. Jena)
Member

Sd/-
(B.K. Das)
Chairperson