

Bihar Electricity Regulatory Commission



Case No. 29/2024 & 33/2024 (NBPDCCL)

and

Case No. 30/2024 & 34/2024 (SBPDCL)

Tariff Order

**True up for FY 2023-24,
Annual Performance Review for FY 2024-25 and Aggregate
Revenue Requirement (ARR) for FY 2025-26 including
Business Plan for control period FY 2025-26 to FY 2027-28
and**

Determination of Retail Tariff for FY 2025-26

for

**North Bihar Power Distribution Company Limited (NBPDCCL)
South Bihar Power Distribution Company Limited (SBPDCL)**

Issued on 28.03.2025

(With effect from 1st April, 2025)

CONTENTS

1. Introduction	12
1.1. Bihar Electricity Regulatory Commission (BERC)	12
1.2. Functions of BERC:	12
1.3. Brief history and Profile of DISCOMs	13
1.4. Admission of Current Petition and Public Hearing Process.....	14
1.5. Approach of this Order	19
1.6. Organisation of Order	20
2. Summary of Petition filed for Truing up for FY 2023-24, APR for FY2024-25, ARR for FY 2025-26 to FY 2027-28	22
2.1. Petitions filed by DISCOMs	22
2.2. Tariff Proposals	26
3. Stakeholder's Objections / Suggestion, Petitioners' Response and Commission Observation.....	29
3.1. Introduction	29
3.2. List of Names of the Objectors / Stakeholders	29
3.3. Comments / Suggestions of Stakeholders, reply by Petitioner and views of the Commission:.....	30
3.3.1 Fixed/Energy charges:.....	31
3.3.2 Installation of Prepaid Meters in Government Buildings.....	33
3.3.3 Metered connection for Irrigation consumers and Streetlights	33
3.3.4 Power Factor Incentive:	34
3.3.5 Time of Day (TOD) Tariff Structure:	35
3.3.6 Competitive Electrical Tariff.....	37
3.3.7 Separate Tariff:.....	38
3.3.8 Security Deposit for Prepaid meters:.....	39
3.3.9 Demand Charges:	40
3.3.10 Solar Rooftop Net Metering:	41
3.3.11 Outstanding dues:.....	42
3.3.12 Smart Meters:.....	43
3.3.13 Change of KWh Billing:.....	43

3.3.14	Infrastructure Cost:	44
3.3.15	Power Theft:	44
3.3.16	Tariff Calculations:	45
3.3.17	Submissions on Terms of Supply:	46
3.3.18	Reduction in the Security Rate:	47
3.3.19	Flexibility to withdraw Deposited payment :	47
3.3.20	Load Shedding:	48
3.3.21	T&D Losses:	49
3.3.22	Collection efficiency:	50
3.3.23	Increase in A&G Expenditure:	51
3.3.24	True-Up	51
3.3.25	Timely Billing:	52
3.3.26	Purchase Electricity at Higher Rates:	53
3.3.27	Rebate:	54
3.3.28	High Transmission Charges:	56
3.3.29	Power Purchase:	56
3.3.30	Energy Efficiency:	57
3.3.31	Revenue Gap:	58
3.3.32	Demand Side Management (DSM) :	59
3.3.33	Energy Market:	60
3.3.34	Contract Demand:	61
3.3.35	Installation of LT Meters:	63
3.3.36	HTSS Tariff:	64
3.3.37	O&M Expenses:	65
3.3.38	R&M Expenses:	65
3.3.39	ARR:	66
3.3.40	Other Issues	69
4.	Truing-up for FY 2023-24	81
4.1.	Background	81
4.2.	Number of Consumers, Connected Load and Energy Sales for FY 2023-24	82
4.3.	Distribution losses	97
4.3.1	Transmission Losses	102

4.4. Power Purchase for FY 2023-24.....	104
4.5. Energy Balance	111
4.6. Power Purchase Cost	114
4.7. Power Purchase corresponding to the Distribution losses as approved by the Commission	138
4.8. Renewable Power Purchase Obligation	143
4.9. Capital Investment Plan, Capitalization and Funding Capital Expenditure	150
4.10. Gross Fixed Assets	162
4.11. Depreciation	163
4.12. Interest on Loans	170
4.13. Other Interest and Finance Charges	176
4.14. Return on Equity	180
4.15. Operation and Maintenance Cost	183
4.15.1 Employees Cost	183
4.15.2 Repairs and Maintenance (R&M) Expenses	189
4.15.3 Administrative and General (A&G) Expenses	192
4.16. Total O & M expenses	202
4.17. Holding Company Expenses	204
4.18. Interest on Security Deposit	206
4.19. Non-Tariff Income	209
4.20. Interest on working capital	215
4.21. Revenue from sale of power with existing tariff for FY 2023-24	219
4.22. Annual Revenue Requirement and sharing of gains/(losses) for FY 2023-24	226
4.23. Revenue Gap/(Surplus) for FY 2023-24	234
5. Annual Performance Review for FY 2024-25	237
5.1. Background	237
5.2. Number of Consumers, Energy Sales and Connected Load for FY 2024-25	237
5.3. Distribution Losses for FY 2024-25	248
5.4. Transmission Losses for FY 2024-25	250
5.5. Central Transmission Loss for FY 2024-25	250
5.6. Power Purchase for FY 2024-25	251
5.7. Energy Balance for FY 2024-25	263