



UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION

LUCKNOW

Petition No. 1526 of 2019

MID TERM REVIEW OF BUSINESS PLAN ORDER

FOR THE CONTROL PERIOD FROM FY 2020-21 TO FY 2024-25

FOR

Noida Power Company Ltd. (NPCL)

November 22, 2022





TABLE OF CONTENTS

1	DISTRIBUTION TARIFF REGULATIONS.....	7
1.2	FILING OF BUSINESS PLAN PETITION FOR THE MYT CONTROL PERIOD FY 2020-21 TO FY 2024-25	7
1.3	SCRUTINY OF THE PETITION	10
2	BUSINESS PLAN FOR MYT CONTROL PERIOD FY 2020-21 TO FY 2024-25	13
2.1	INTRODUCTION.....	13
2.2	BILLING DETERMINANTS: CONSUMER NUMBERS, CONNECTED LOAD, SALES.....	20
2.3	DISTRIBUTION LOSS.....	50
2.4	ENERGY BALANCE & POWER PURCHASE PLAN	72
2.5	DETAILS OF POWER PROCUREMENT COST FOR MYT CONTROL PERIOD (FY 2020-21 TO FY 2024-25)	75
2.6	CAPITAL EXPENDITURE.....	108
	ANNEXURE – I: BILLING DETERMINANTS PROPOSED BY THE PETITIONER VIDE ITS SUBMISSION DATED NOVEMBER 01, 2022 AND APPROVED BY THE COMMISSION FOR FY 2023-24 AND FY 2024-25	150

Handwritten signature



Handwritten signature



LIST OF TABLES

Table 1: Orders issued in regard to FY 2020-21, FY 2021-22 and FY 2022-23 (the first three years of the Control Period).....	16
Table 2: No. of consumers projected and submitted by the Petitioner for the Control Period (FY 2020-21 to FY 2024-25).....	27
Table 3: Connected Load (in MW) projected and submitted by the Petitioner for the Control Period (FY 2020-21 to FY 2024-25).....	27
Table 4: Sales projected and submitted by the Petitioner for the Control Period (FY 2020-21 to FY 2024-25) (MU).....	28
Table 5: Rise in No. of Consumers, Connected Load and Sales Volume (%)	36
Table 6: Captive Consumption Revenue (Rs. Crore) and Sales (MU).....	38
Table 7: No. of Consumers claimed by the Petitioner and approved by Commission for FY 2020-21	40
Table 8: Connected load claimed by the Petitioner and approved by Commission for FY 2020-21	40
Table 9: Sales claimed by the Petitioner and approved by Commission for FY 2020-21	41
Table 10: No. of Consumers claimed by the Petitioner and approved by Commission for FY 2021-22	42
Table 11: Connected load claimed by the Petitioner and approved by Commission for FY 2021-22	43
Table 12: Sales claimed by the Petitioner and approved by Commission for FY 2021-22	44
Table 13: No. of Consumers claimed by the Petitioner and approved by Commission for FY 2022-23	44
Table 14: Connected load claimed by the Petitioner and approved by Commission for FY 2022-23 (MW).....	45
Table 15: Sales claimed by the Petitioner and approved by Commission for FY 2022-23	45



[Handwritten mark]

[Handwritten signature]



Table 16: Billing Determinants claimed by the Petitioner and approved by the Commission for FY 2023-24 in Business Plan Order dated November 26, 2020.....	46
Table 17: Billing Determinants claimed by the Petitioner and approved by the Commission for FY 2024-25 in Business Plan Order dated November 26, 2020.....	47
Table 18: Billing Determinants proposed by the Petitioner vide its submission dated November 01, 2022 and approved by the Commission for FY 2023-24.....	49
Table 19: Billing Determinants proposed by the Petitioner vide its submission dated November 01, 2022 and approved by the Commission for FY 2024-25.....	49
Table 20: Distribution Losses projected and submitted by the Petitioner	61
Table 21: Petitioner's submission on Distribution Losses in Business Plan (Petition No. 1526 of 2019).....	62
Table 22: Distribution Losses approved in Business Plan Order	62
Table 23: Energy Balance and Distribution Loss submitted by the Petitioner	67
Table 24: Distribution Loss approved by Commission for the Control Period	72
Table 25: Gross energy requirement submitted by the Petitioner for the Control Period (FY 2020-21 to 2024-25).....	72
Table 26: Gross energy requirement submitted by the Petitioner for the Control Period (FY 2020-21 to 2024-25).....	73
Table 27: Energy Balance computed by the Commission for the Control Period (FY 2020-21 to FY 2024-25)	74
Table 28: Energy Balance prepared by the Commission for FY 2023-24 and FY 2024-25	74
Table 29: Power procurement as projected and submitted by the Petitioner for FY 2020-21	85
Table 30: Power procurement projected and submitted by the Petitioner for FY 2021-22	86
Table 31: Power procurement projected and submitted by the Petitioner for FY 2022-23	88
Table 32: Power procurement projected and submitted by the Petitioner for FY 2023-24	90
Table 33: Power procurement projected and submitted by the Petitioner for FY 2024-25	92
Table 34: RPO Trajectory as per UPERC Regulations (%)	93

[Handwritten mark]



[Handwritten signature]



Table 35: Bidders declared for supply of 50 MW	95
Table 36: Revised RPO Trajectory projected by the Petitioner for the Control Period FY 2020-21 to FY 2024-25	96
Table 37: Power Purchase submitted by the Petitioner	100
Table 38: Power Purchase approved by the Commission in ARR/Tariff Order for FY 2020-21...	102
Table 39: Power Purchase approved by the Commission in True Up Order for FY 2020-21	103
Table 40: Power Purchase approved by the Commission in ARR/Tariff Order for FY 2021-22...	104
Table 41: Power Purchase approved by the Commission in ARR/Tariff Order for FY 2022-23...	106
Table 42: Peak Demand Estimate by the Petitioner.....	108
Table 43: Load Forecast as submitted by the Petitioner (MW).....	108
Table 44: Proposed 220/33 kV substation	110
Table 45: Capital Expenditure proposed and submitted by the Petitioner for the Control Period (FY 2020-21 to FY 2024-25) (Rs. Crore)	142
Table 46: Physical Parameters projected and submitted by the Petitioner for the Control Period (FY 2020-21 to FY 2024-25).....	144
Table 47: Capital Expenditure Funding projected and submitted by the Petitioner for the Control Period (FY 2020-21 to FY 2024-25) (Rs. Crore)	145
Table 48: Gross Fixed Asset approved by the Commission in ARR/Tariff for FY 2020-21 vide Tariff Order dated December 04, 2020 (Rs. Crore)	148
Table 49: Gross Fixed Asset approved by the Commission in True Up for FY 2020-21 vide Tariff Order dated July 20, 2022 (Rs. Crore)	148
Table 50: Gross Fixed Asset approved by the Commission in ARR/Tariff for FY 2021-22 vide Tariff Order dated August 26, 2021 (Rs. Crore).....	148
Table 51: Gross Fixed Asset approved by the Commission in ARR/Tariff for FY 2021-22 vide Tariff Order dated July 20, 2022 (Rs. Crore)	148

✍



✍



Before

**UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION,
LUCKNOW**

IN THE MATTER OF:

BUSINESS PLAN FOR MYT CONTROL PERIOD FY 2020-21 TO FY 2024-25

And

IN THE MATTER OF:

NOIDA POWER COMPANY LTD., GR. NOIDA (NPCL) – (Petition No. 1526 / 2019)

ORDER

The Commission had approved the Business Plan for NPCL for the Control Period form FY 2020-21 to FY 2024-25 on November 26, 2020 in the Petition No. 1526 of 2019. The Petitioner (NPCL) aggrieved by the said Order, preferred an Appeal before the Hon'ble APTEL vide Appeal No. 72 of 2021. Hon'ble APTEL has decided the said Appeal vide Order dated August 23, 2022 and remitted certain issues for a fresh decision on them. Therefore, in compliance to the direction of the Hon'ble APTEL vide its Order dated August 23, 2022, the Commission, hereby passes this Order, dated and issued on November 22, 2022.

[Handwritten signature]



[Handwritten signature]