

A. Introduction

- 1.1 BSES Yamuna Power Limited (BYPL), the Distribution Licensee, has filed its Petition for Approval of True up of FY 2020-21 and Aggregate Revenue Requirement (ARR) for FY 2022-23.
- 1.2 The Executive Summary contains the summary of the Petition filed by BYPL for True-up for FY 2020-21 (based on audited accounts), and ARR Tariff for FY 2022-23.
- 1.3 The True-up for FY 2020-21, ARR and Tariff for FY 2022-23 shall be determined based on the provisions of *DERC (Terms and Conditions for Determination of Tariff) Regulations, 2017* and *DERC (Business Plan) Regulations, 2019*. ARR broadly has the following components:
- a) Power Purchase Cost including Transmission Charges
 - b) Operation and Maintenance (O&M) expenses
 - c) Return on Capital Employed
 - d) Depreciation
 - e) Income Tax
 - f) Non-tariff Income, etc.
- 1.4 The following tables/ figures have been extracted from the Petitions filed by BYPL for ease of understanding to various stakeholders. Complete Petition is also available on DERC website <http://www.derc.gov.in/>

B. True up for FY 2020-21

- 1.5 BYPL has submitted its Energy Sale in FY 2020-21 as follows:

Table 1: Sales for FY 2020-21 (MU):

Sr. No.	Category	Sales (MU)
A	Domestic	3,963
B	Non Domestic	1,221
C	Industry	318
D	Public Lighting	63
E	Agriculture & Mushroom Cultivation	0
F	DMRC	70
G	DJB	152
H	Others*	78
Total		5,866

**Includes enforcement, Own consumption, Temporary Supply, net metering and Advertisement & Hoardings etc.*

- 1.6 BYPL realised revenue amounting to Rs. 4,272 Cr. (excluding 8% Surcharge, Pension Surcharge, LPSC and Electricity Tax).

- 1.7 BYPL has submitted the actual Distribution loss and Collection Efficiency for FY 2020-21 as follows:

Table 2: Distribution Losses and Collection Efficiency for FY 2020-21 (%)

Sr. No.	Particulars	Actual performance
A	Distribution Losses	7.98%
B	Collection Efficiency	100.57%

- 1.8 The Petitioner purchases almost 80% of the power from generating companies owned and/ or fully controlled by the Central Government and State Government by virtue of long term power purchase agreements which have been inherited from DTL.

- 1.9 The actual Power Purchase Quantum and Cost claimed during FY 2020-21 is as follows:

Table 3: Power Purchase Quantum for FY 2020-21

Sr. No.	Particulars	MU
A	Power Purchase	
i	Gross Power Purchase Quantum	8066
ii	Power sold to other sources	1412
iii	Net Power Purchase	6654
B	Transmission Loss	
I	Total transmission loss (Inter State & Intra State)	279
C	Net power available after Transmission Loss*	6374

** Excluding Open Access*

Table 4: Power Purchase Cost for FY 2020-21

Sr.No.	Particulars	Amount (Cr.)
A	Power Purchase Cost	
i	Gross Power Purchase Cost	2,900.31
ii	Power sold to other sources	442.68
iii	Other Payments	(3.91)
iv	Net Power Purchase Cost	2,453.71
B	Transmission Charges	
i	Inter-state transmission charges	437.11
ii	Intra-state transmission charges	172.56
iii	Other Transmission charges	56.56
iv	Total Transmission charges	666.23
C	Rebate	
i	Power Purchase Rebate	2.73
ii	Rebate on Transmission Charges	34.86
iii	Total rebate	37.59

Sr.No.	Particulars	Amount (Cr.)
D	Add: Net Metering	3.77
E	Add: Self Generation(Roof Top Solar)	0.14
F	Net Power Purchase including Transmission charges before incentive & net of rebate	3,086.3

- 1.10 The O&M expenses as considered by BYPL during FY 2020-21 are tabulated as follows:

Table 5: O&M expenses for FY 2020 - 21

Network	Network Capacity as on 31/03/2021	O&M expenses per unit		O&M expenses (Rs. Cr.)
66 kV Line	230	Lakh/ckt. km	4.857	11.2
33 kV Line	408	Lakh/ckt. km	4.857	19.8
11kV Line	2983	Lakh/ckt. km	2.036	60.7
LT Line system	5622	Lakh/ckt. km	9.173	515.7
66/11 kV Grid S/s	1815	Lakh/MVA	1.157	21.0
33/11 kV Grid S/s	2056	Lakh/MVA	1.157	23.8
11/0.415 kV DT	3485	Lakh/MVA	2.534	88.3
Total				740.5

- 1.11 BYPL has claimed certain amount on account of Statutory Levies/Taxes and Miscellaneous Expenses which are uncontrollable in nature and not covered in the above normative O&M expenses during FY 2020-21 as follows:

Table 6: Other uncontrollable costs/ miscellaneous expenses

Sr. No	Particulars	Amount (Rs. Cr.)
A	Arrears paid on account of 7 th Pay Commission revision	78.6
B	Legal Expenses	14.2
C	Loss on Sale of Retired Assets	5.6
D	COVID-19expenses	5.1
E	Expenses for raising loan for Funding of Working Capital and Regulatory Assets	0.9
F	Ombudsman Fees	0.22
G	GST Impact	6.0
H	New Initiatives	0.34
I	Total	111

- 1.12 BYPL has considered the Actual capitalization and de-capitalisation as per the Audited Accounts for FY 2020- 21 to derive the closing balance of GFA as follows:

Table 7: Gross Fixed Assets for FY 2020-21 (Rs. Cr.)

Sr.No	Particulars	Amount
A	Opening GFA	3950.0

Sr.No	Particulars	Amount
B	Capitalisation during the year	300.9
C	De-capitalisation	70.4
D	Closing GFA	4180.5
E	Average GFA	4065.2

- 1.13 The financing of Capitalisation (net of de-capitalisation and consumer contribution) through debt and equity in the ratio of 70:30 is as follows:

Table 8: Financing of Capitalisation for FY 2020-21 (Rs. Crore)

Sr.No	Particulars	Amount
A	Total Capitalisation	300.9
B	De-capitalisation	70.4
C	Consumer Contribution	33.7
D	Balance Capitalisation	196.9
E	Equity	59.1
F	Debt	137.9

- 1.14 The average Consumer Contribution and Grants for FY 2020-21 is as follows:

Table 9: Consumer contribution and Grants for FY 2020-21 (₹ Crore)

Sr.No	Particulars	Amount
A	Opening Balance	322.9
B	Additions during the year	33.7
C	Closing Balance	356.5
D	Average Consumer Contribution	339.7

- 1.15 The average rate of Depreciation for FY 2020-21 as submitted based on the Audited Accounts is as follows:

Table 10: Computation of Average rate of Depreciation for FY 2020-21 (Rs. Cr.)

Sr. No.	Particulars	Amount
A	Opening GFA as per audited accounts	3920.6
B	Closing GFA as per audited accounts	4151.1
C	Average of GFA	4035.8
D	Depreciation as per Audited Accounts	197.8
E	Average depreciation rate (%)	4.90%

Table 11: Depreciation for FY 2020-21 (Rs. Cr.)

Sr. No.	Particulars	Amount
A	Average GFA	4065.2
B	Average Consumer Contribution and Grants	339.7
C	Average GFA net of consumer contribution & Grants	3725.6
D	Average rate of depreciation (%)	4.90%
E	Depreciation	182.6

1.16 BYPL has computed the Working Capital Requirement for FY 2020-21 as follows:

Table 12: Working Capital Requirement (Rs. Crore)

Sr.No	Particulars	Amount
A	Annual Revenues from Tariff & Charges	4408.7
A1	Receivables equivalent to two months average	734.8
B	Power Purchase Expenses	3086.3
B1	Less: 1/12th of power purchase expenses	257.2
C	Working Capital	477.6
D	Opening Working Capital	478.4
E	Change in Working Capital	-0.8

1.17 The Regulated Rate Base (RRB) for FY 2020-21 has been computed as follows:

Table 13: Regulated Rate Base for FY 2020-21 (Rs. Crore)

Sr.No	Particulars	Amount
A	RRB Opening	2332.6
B	ΔAB(Change in Capital Investments)	69.9
C	Investments Capitalized	230.5
D	Depreciation	182.6
E	Add: Depreciation on De-capitalised Assets	55.7
F	Consumer Contribution	33.7
G	Change in WC	-0.8
H	RRB Closing	2401.7
I	RRB(i)	2366.8

1.18 BYPL has considered the actual rate of interest of capex loans during 2020-21 i.e. 12.01% and Grossed up RoE at 21.38% for computation of WACC as follows:

Table 14: Weighted Average Cost of Capital (WACC) (Rs. Cr.)

Sr. No	Particulars	Amount
A	Average Equity	1074.5
B	Average Debt	1430.0

Sr. No	Particulars	Amount
C	Return on Equity	16.00%
D	Income Tax Rate (%)	25.17%
E	Grossed up Return on Equity	21.38%
F	Rate of Interest	12.02%
G	Weighted average cost of Capital	16.03%

- 1.19 The Return on Capital Employed (RoCE) for FY 2020-21 is thus computed as follows:

Table 15: RoCE for FY 2020-21 (Rs. Cr.)

Sr. No.	Particulars	Amount
A	Weighted Average Cost of Capital (WACC)	16.03%
B	RRB (i)	2367
C	RoCE	379

- 1.20 BYPL has submitted the Non-Tariff Income for FY 2020-21 as follows:

Table 16: Non-Tariff Income for FY 2020-21 (Rs. Cr.)

Sr. No.	Particulars	Amount
A	Other Operating Income	72.6
B	Other Income	37.9
I	Total Income as per Accounts	110.5
C	Add: Interest on CSD	21.3
D	Add: Differential in SLD	4.0
II	Total Other Income	135.8
E	Pole Rental Income	2.2
F	Street Light Maintenance Charges	0.2
III	Net Income to be considered	133.3
G	Less: LPSC	21.8
H	Less: Short term gain	8.0
I	Less: Transfer from Consumer contribution for capital works	18.4
J	Less: Bad debts recovered	2.1
K	Less: Write-back of misc. provisions	3.6
L	Less: Commission on collection of Electricity Duty	5.3
IV	Net Non-Tariff Income	74.1

1.21 BYPL has claimed the overachievement for FY 2020-21as follows:

Table 17: Overachievement incentive sought on Collection Efficiency for FY 2020-21

Sr.No	Particulars	UoM	FY2020-21
A	Amount Billed	Rs.Cr.	4,247.51
B	Amount Collected	Rs.Cr.	4,271.64
D	Collection efficiency	%	100.57
E	Collection Efficiency Target	%	99.50
F	Total Financial Impact(Incentive) on account of overachievement of Collection efficiency Target	Rs.Cr.	45.37
G	Incentive Petitioner Share	Rs.Cr.	34.75
H	Incentive Consumers Share	Rs.Cr.	10.62

Table 18: Overachievement incentive sought on Distribution Loss for FY 2020-21

S.No	Particulars	UoM	FY 2020-21
A	Energy Purchased at Distribution Periphery	MU	6,374.42
B	Distribution Loss target for previous Year i.e.FY2019-20	%	10.50%
C	Distribution Loss target for Current Year i.e. FY 2020-21	%	9.00%
D	Loss target-50%*(previous year target-current year target)	%	8.25%
E	Actual Distribution loss for FY2020-21	%	7.98%
F	Average Power Purchase cost for FY2020-21	Rs/kWh	4.84
E	Total Financial Impact on account of overachievement of Distribution Loss Target	Rs.Cr.	31.39
F	Impact of Financial benefit to be retained by the Petitioner	Rs.Cr.	13.21
G	Impact of Financial benefit to be passed on to the consumer	Rs.Cr.	18.18

1.22 Based on the above submissions, the Aggregate Revenue Requirement for FY 2020-21 sought by BYPL for True-up is as follows:

Table 19: Aggregate Revenue Requirement during FY 2020-21 (Rs. Cr.)

Sr. No.	Particulars	Amount
A	Power Purchase including Transmission and SLDC Charges	3,086.3
B	O&M Expenses	740.5
C	Additional O&M expenses	111.0
D	Depreciation	182.6
E	Return on Capital Employed(RoCE)	379.5
F	Sub-total	4,499.9
G	Less: Non-Tariff Income	74.1
H	Less: Income from Open Access	17.0
I	Aggregate Revenue Requirement (ARR)	4,408.7

1.23 The Revenue Available to meet ARR is tabulated as follows:

Table 20: Revenue Available to meet ARR (Rs. Cr.)

Sr. No.	Particulars	FY 2020-21
A	Total Revenue Collected	4,271.6
B	Less: Incentive on overachievement of Distribution Loss Targets (Petitioner share)	13.2
C	Less: Incentive on over achievement of Collection Efficiency Target (Petitioner share)	34.7
D	Less: Incentive on sale of surplus power	12.6
E	Less: Carrying cost	178.0
F	Revenue Available towards ARR	4,033.1

1.24 The Revenue (Gap) during FY 2020-21 is as follows:

Table 21: Revenue (Gap) for FY 2020-21

Sr.No	Particulars	Rs.Crore
A	ARR for FY 2020-21	4,409
B	Revenue available towards ARR	4,033
C	Revenue(Gap)/Surplus	(376)

Truing-up of past period

1.25 BYPL's claims pertaining to true-up of expenses with respect to earlier periods have been divided into three parts as follows:

- a. Impact of issues under consideration but yet to be implemented by the Hon'ble Commission.
- b. Implementation of APTEL Judgements in absence of any stay from Hon'ble Supreme Court:
 - a) Impact of APTEL Judgements which have attained

finality vide Supreme Court Order dated 1/12/2021

- b) Impact of APTEL Judgements yet to be implemented by the Commission
- c. Impact of Review Petition filed before the Commission against Tariff Order dated 30/09/2021
- d. Impact of issues challenged in Appeal and pending adjudication before the Hon'ble APTEL.

C. ARR and Tariff for FY 2022-23

1.26 BYPL has projected the Energy Sales and Revenue for FY 2022-23 as follows:

Table 22: Estimated Energy Sales for FY 2022-23 (MU)

Sr.No	Category	FY 2019-20 (Actual)			Growth Rate			FY 2022-23 (Projections)		
		H1	H2	Total	H1	H2	Basis	H1	H2	Total
A	Domestic	2,556	1,501	4,057				2,911	1,654	4,565
A.1	Domestic (other to A4)	2,488	1,458	3,946	4.48%	3.51%	2 yrs CAGR	2,838	1,617	4,454
A.2	CGHS	13	8	21	11.35%	-4.99%	2 yrs CAGR	18	7	25
A.3	11 KV p/Hospital	45	29	74	-0.05%	-5.05%	2 yrs CAGR	44	25	70
A.4	DVB Staff	11	5	16	0.00%	0.00%	NIL Growth	11	5	16
B	Non Domestic	1,027	709	1,737				966	584	1,550
B.1	Non Domestic	837	576	1,412	-1.37%	-5.21%	2 yrs CAGR	803	490	1,293
B.2	Non Domestic	191	134	324	-5.12%	-11.03%	2 yrs CAGR	163	94	257
C	Industrial	202	170	373				243	167	410
C.1	Industrial LT	154	135	289	6.67%	1.37%	2 yrs CAGR	187	140	328
C.2	Industrial HT	48	36	84	5.08%	-9.56%	YOY Growth	56	26	82
D	Agriculture	0	0	0	0.00%	0.00%	NIL Growth	0	0	0
E	Public Utilities	213	179	392				194	126	321
E.1	Public Lighting	49	44	93	-1.18%	-20.10%	2 yrs CAGR	47	22	69
E.2	DJB LT	6	6	12	6.31%	2.10%	2 yrs CAGR	8	7	14
E.3	DJB HT	69	68	137	0.74%	0.33%	2 yrs CAGR	71	68	139
E.4	DMRC	89	61	150	-8.44%	-21.89%	2 yrs CAGR	69	29	98
F	Temporary	29	23	52	10.20%	4.22%	2 yrs CAGR	39	26	65

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Sr.No	Category	FY 2019-20 (Actual)			Growth Rate			FY 2022-23 (Projections)		
		H1	H2	Total	H1	H2	Basis	H1	H2	Total
G	Advertisement dings	0	0	0	0.00%	0.00%	NIL Growth	0	0	0
H	E Vehicle	7	9	16	25.00%	25.00%	25.00%	13	18	32
I	Others	13	17	30				11	6	17
Total		4,049	2,608	6,657				4,377	2,583	6,960

Table 23: Estimated Revenue for FY 2022-23

Sr.No.	Category	Fixed Charges (₹ Cr.)	Energy Charges (₹ Cr.)	TOD Charges (₹ Cr.)	Revenue Billed (₹ Cr.)
A	Domestic	197	1861	-2	2056
A.1	Domestic (oher than A2 to A4)	180	1791	0	1971
A.2	CGHS	1	11	0	12
A.3	11 KV Worship / Hospital	15	56	-2	69
A.4	DVB Staff	0	3	0	4
B	Non-Domestic	469	1308	-7	1769
B.1	Non-Domestic LT	409	1079	0	1488
B.2	Non-Domestic HT	59	229	-7	281
C	Industrial	64	332	-2	394
C.1	Industrial LT	54	266	0	320
C.2	Industrial HT	10	66	-2	74
D	Agriculture	0	0	0	0
D	Public Utilities	63	214	-5	272
D.1	Public Lighting	10	47	0	57
D.2	Delhi Jal Board IT	5	10	0	15
D.3	Delhi Jal Board HT	26	94	-3	117
D.4	Delhi Metro Rail Corporation (DMRC)	22	64	-2	84
E	Temporary supply	0	59	0	59
F	Advertisement & Hoardings	0	0	0	0
G	E Vehicle	0	14	0	14
H	Others	0	0	0	0

Sr.No.	Category	Fixed Charges (₹ Cr.)	Energy Charges (₹ Cr.)	TOD Charges (₹ Cr.)	Revenue Billed (₹ Cr.)
I	Total	793	3788	-16	4565
J	Total Collection @ 99.50 %				4542

1.27 BYPL submitted that the Regulation-25 (1) of DERC (Business Plan) Regulations, 2019 specifies the Distribution Loss Target from FY 2020-21 to FY 2022-23.

1.28 BYPL has considered Collection Efficiency of 99.50% during FY 2022-23 in accordance with Regulation 26(1) of DERC (Business Plan) Regulations, 2019.

1.29 BYPL has considered the Distribution Loss @ 8.50% and Collection Efficiency @ 99.50% for FY 2022-23.

Table 24: Distribution Loss Target and Collection Efficiency for FY 2022-23

Sr. No.	Particulars	%
A	Distribution Loss	8.50%
B	Collection Efficiency	99.50%

1.30 Based on the sales projected for FY 2022-23 and Distribution loss as specified for FY 2022-23 in *DERC (Business Plan) Regulations, 2019*, the Energy Requirement has been estimated by BYPL as follows:

Table 25: Energy Requirement for FY 2022-23

Sr. No.	Particulars	Unit	Quantity
A	Energy sales	MU	6,960
B	Distribution Loss	%	8.50%
C	Energy Requirement	MU	7,607
D	Distribution Loss	MU	647

1.31 The Power Purchase Quantum and Costs from various sources including from short term sources have been summarized as follows:

Table 26: Total Power Purchase Quantum and Cost for FY 2022-23

Sr. No.	Source	Quantity	Amount	Average Cost
		(MU)	(Rs. Crore)	(Rs./ kWh)
A	Power Purchase from CSGS	8,485	3,655	4.31
B	Inter-State Loss & Charges	297	437	
C	Cost towards REC			
D	Power Available at Delhi Periphery	8,188	4,092	5.00
E	Power Purchase from SGS*	795	586	7.37
F	Intra-State Losses & Charges including SLDC Charges	82	253	
G	Shortfall to be met at DISCOM	156	69	4.42

Sr. No.	Source	Quantity	Amount	Average Cost
		(MU)	(Rs. Crore)	(Rs./ kWh)
	Periphery			
H	Total Power available to DISCOM	9,058	4,999	5.52
I	Sales	6,960		
J	Distribution Loss	647		
K	Less: Normative rebate		81	
L	Required power for the DISCOM	7,607	4,509	5.93
M	Total Sale of Surplus Power	1,451	409	2.8

* includes SGS and state/Renewable etc.

1.32 BYPL has computed the normative O&M expenses for FY 2022-23 as follows:

Table 27:O&M Expenses during FY 2022-23

Sr. No.	Assets/ lines	Avg. Capacity for FY 2022-23	Units	Norms	Amount (Rs. Cr.)
A	66 kV Line 33 kV Line (cktkm)	705	Rs. Lakh/ Ckt. Km	5.236	37
B	11 kV Line (cktkm)	3099	Rs. Lakh/ Ckt. Km	2.195	68
C	LT Line system (cktkm)	5859	Rs. Lakh/ Ckt. Km	9.890	579
D	66/11 kV33/11 kV GridS/s(MVA)	4171	Rs. Lakh/MVA	1.247	52
E	11/0.415kVDT(MVA)	3686	Rs. Lakh/ MVA	2.732	101
F	Total				837

1.33 In terms of Regulation 11(9) of the Tariff Regulations, 2017 and Regulation 23 of Business Plan Regulations, 2019, BYPL has submitted the additional O&M expenses estimated during FY 2022 -23 at Rs. 243 Cr.

1.34 In terms of Para 3.46 of Tariff Order dated 30/09/2021 BYPL requested the Commission to allow the estimated refundable amount Rs.96 Cr. in the Tariff for FY 2022-23.

1.35 The Petitioner has considered the gross capitalisation of Rs. 463 Crore during FY 2022-23 as approved by the Commission.

1.36 BYPL has computed the depreciation for FY 2022-23 as follows:

Table 28: Depreciation for FY 2022-23 (Rs. Crore)

Sr. No.	Particulars	Amount
A	Opening GFA for FY2021-22	4181

Sr. No.	Particulars	Amount
B	Addition during FY2021-22	430
C	Opening GFA for FY2022-23	4611
D	Additions during the year	463
E	Closing GFA for FY2022-23	5074
F	Average GFA	4842
G	Less: Average Consumer Contribution	439
H	Average GFA net of CC	4403
I	Average rate of depreciation	4.90%
J	Depreciation for FY2022-23	216
K	Opening accumulated Depreciation for FY 2022-23	1708
L	Closing accumulated Depreciation for FY 2022-23	1924

1.37 BYPL has computed the Working Capital Requirement for FY 2022-23 as follows:

Table 29: Working Capital for FY 2022-23

Sr.No	Particulars	Amount (Rs. Cr.)
A	Annual Revenue Requirement	6,292
B	Receivables equivalent to 2months average billing	1,049
C	Net Power Purchase expenses	4,509
D	Power purchase expenses for 1Month	376
E	Total Working Capital	673
F	Opening Working Capital	467
G	Change in WC	206

1.38 Based on the above discussions, the Regulated Rate Base (RRB) for FY 2022-23 has been computed as follows:

Table 30: Regulated Rate Base for FY 2022-23

Sr.No.	Particulars	Amount (Rs. Cr.)
A	Opening GFA	4,611
B	Opening Accumulated Depreciation	2,315
C	Opening Consumer Contribution	405
D	Opening Working Capital	467
E	Accumulated Depreciation on De-capitalised Assets	218
F	Opening RRB	2,577
G	Investment during the year	178
H	Net Capitalisation	463
I	Depreciation	216
J	Consumer Contribution	69
K	Change in Working Capital	206

Sr.No.	Particulars	Amount (Rs. Cr.)
L	Regulated Rate Base-Closing	2,960
M	RRB(i)	2,871

1.39 The rate of interest on debt for FY 2022-23 has been considered as 12.35%.

1.40 Rate of return on equity has been considered as 16%. Further, the effective income tax rate for FY 2020-21 has been considered for FY 2022-23.

1.41 BYPL has computed WACC for FY 2022-23 as follows :

Table31: Weighted Average Cost of Capital (WACC) for FY 2022-23 (₹ Cr.)

Sr.No.	Particulars	Amount (Rs. Cr.)
A	Equity	1,278
B	Debt	1,705
C	Return on Equity	16%
D	Income Tax Rate	25.17%
E	Grossed up Return on Equity	21.38%
F	Rate of Interest	12.35%
G	Weighted average cost of Capital	16.22%

1.42 BYPL has computed Return on Capital Employed (RoCE) for FY 2022-23 as follows:

Table 19:RoCE for FY 2022-23

Sr. No.	Particulars	Submission (Rs Cr.)
A	WACC	16.22%
B	RRB (i)	2,871
C	RoCE	466

1.43 BYPL has considered the Non-Tariff Income during FY 2022-23 same as submitted for FY 2020-21 i.e. Rs. 74 Crore.

1.44 The Aggregate Revenue Requirement during FY 2022-23 is tabulated as follows:

Table 33: Aggregate Revenue Requirement for FY 2022-23

Sr. No.	Particulars	Amount (Rs Cr.)
A	Power Purchase Cost including Transmission Charges	4,509
B	O&M Expenses	837
C	Additional O&M Expenses	243
D	Depreciation	216
E	Return on Capital Employed (RoCE)	466
F	Other Expenses*	96

Sr. No.	Particulars	Amount (Rs Cr.)
G	Less: Non-Tariff income	74
H	Aggregate Revenue Requirement excl. Carrying Cost on RA	6,292

**In terms of APTEL Judgement dated 31/08/2021*

1.45 The Revenue (Gap)/Surplus for FY 2022-23 at existing tariff is as follows:

Table 34: Revenue (Gap)/ Surplus at Existing Tariff for FY 2022-23 (Rs. Crore)

Sr. No.	Particulars	Amount
A	Aggregate Revenue requirement for the year	6,292
B	Revenue available for the year	4,542
C	Revenue (Gap)/ Surplus for the year	(1750)

Tariff Rationalization Proposal:

1.46 BYPL has propose the following tariff rationalisation measures:

- a) Time bound recovery of Regulatory Assets/Revenue Gap.
- b) Cross subsidy as per Tariff Policy
- c) Removal of capping and allow Monthly PPAC
- d) Tariff Simplification
- e) Revision of Security Deposit on 2 months average billing
- f) Lead plus Lag for high voltage consumers
- g) Harmonic Dumping
- h) Fixed charges on MDI for Domestic Consumers
- i) Tariff of Electric Vehicle
- j) Surcharge on Excess load for Domestic Consumers
- k) Delivery of bill through digital mode
- l) Collection Charges to be provided on collection of Pension Trust Surcharge
- m) Compliance to Recent Statutes and Government Directions