

Proposed Retail Tariff Schedule for FY 2020-21

Submitted to
Assam Electricity Regulatory Commission

November 2019

**ASSAM POWER DISTRIBUTION COMPANY LIMITED
(APDCL)**

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Guwahati-781 001

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1: CUMULATIVE REVENUE GAP TILL FY 2020-21 AND RETAIL TARIFF FOR FY 2020-21

Cumulative Revenue Gap till FY 2020-21 at prevailing Tariff

- 1.1 Cumulative revenue gap/ (surplus) submitted by the Petitioner for FY 2020-21 is as shown below.

Table 1: Cumulative Revenue Gap till FY 2020-21 (Rs Crores)

Particulars	Rate of Interest	Amount (Rs. Crores)
Revenue Gap after true-up for FY 2018-19		878.32
Carrying/(Holding) cost for FY 2018-19 (half Year)	12.20%	53.58
Carrying/(Holding) cost for FY 2019-20 (full Year)	12.55%	110.23
Carrying/(Holding) cost for FY 2020-21 (half Year)	12.55%	55.11
Total carrying cost		218.92
Total Revenue Gap for FY 2018-19		1097.24
Revenue Gap after APR of FY 2019-20		205.22
Carrying/(Holding) cost for FY 2019-20 (half Year)	12.55%	12.88
Carrying/(Holding) cost for FY 2020-21 (half Year)	12.55%	12.88
Total carrying cost		25.75
Total Revenue Gap for FY 2019-20		230.97
Revenue Gap for FY 2020-21		739.41
Cumulative Revenue Gap for FY 2019-20		2067.62

- 1.2 Thus, the cumulative revenue gap/ (surplus) for adjustment in tariff for FY 2019-20 works out to **Rs. 2067.62 Crore**.
- 1.3 As such, on the basis of the petitions on True Up for FY 18-19, Annual Performance Review for FY 19-20, Aggregate Revenue Requirement (ARR) for FY 2020-21 works out to **Rs. 7400.17 Crore** as under:

Table 2: Aggregate Revenue Requirement FY 2020-21 (Rs Crores)

Particulars	Amount (Rs. Crore)
A. Standalone Annual Revenue Requirement FY 20-21	6071.96
B. Revenue Gap on Truing Up for FY 18-19	
a) Gap	878.32
b) Carrying cost on the gap	218.92
Sub-total (B) for Truing Up 2018-19	1097.24
C. Revenue Gap on APR for FY 19-20	
a) Gap	205.22
b) Carrying cost on the gap	25.75
Sub-total (C) for APR 2019-20	230.97

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Particulars	Amount (Rs. Crore)
Grand total (A+B+C)	7400.17

- 1.4 Revenue from existing tariff for FY 2020-21 is assessed at Rs. 5667.14 Crore.
- 1.5 It is very evident that recovery of entire amount of Rs. 7400.17 Crore at one go will lead to increase of existing retail tariff by 31% on average.
- 1.6 It is also an undeniable fact that delayed recovery of dues will have adverse effect to the utility on discharge of its obligations.
- 1.7 However, being sensitive to its valued consumers APDCL is proposing to recover only Rs. 7169.20 Crore without Rs. 230.97 Crore pertaining to APR 2019-20.
- 1.8 APDCL craves the leave of Hon'ble Commission to consider the actual gap for FY 2019-20 at the time of Truing Up.
- 1.9 The proposed amount of Rs. 7169.20 Crore comprises of amount pertaining to Truing up for FY 2018-19 alongside standalone Annual Revenue Requirement for FY 2020-21.

Tariff Philosophy and Design

- 1.10 The Petitioner while proposing the retail supply tariff of APDCL for FY 2020-21, has been guided by the provisions of the EA 2003, National Electricity Policy (NEP), Tariff Policy and the MYT Regulations, 2018.
- 1.11 The Petitioner has tried to rationalise the tariff as well as further reduce the cross-subsidy between the consumer categories while proposing tariffs for the various consumer categories for FY 2020-21.
- 1.12 The Petitioner has proposed tariff for FY 2020-21 such that the tariffs of most categories are within +/-20% of the ACoS, while at the same time ensuring that no category is faced with a tariff shock. For categories where the tariffs are beyond +/-20% of the ACoS, the Petitioner has attempted to reduce the cross-subsidies.

Cost of Supply

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1.13 On the basis of the aforementioned and the total sales for FY 2020-21, the ACoS for FY 2020-21 works out to Rs. 9.17 per kWh, as shown in the table below:

Table 3: Cost of Supply for FY 2020-21

Particulars	Unit	Amount
Proposed Revenue Requirement for FY 2020-21	Rs. Crores	7169.20
Proposed Energy Sales for FY 2020-21	MU	7814.86
ACoS for FY 2020-21	Rs/kWh	9.17

Contribution to Cost of Supply

1.14 Contributors to the ACoS is shown in the Table below:

Table 4: Contribution to cost of Supply for FY 2020-21

Sl. No.	Particulars	Amount (Rs. Crore)	Contribution	
			Rs./kWh	%
1	Cost of power purchase	5739.37	7.34	80%
2	Operation & Maintenance Expenses	1089.00	1.39	15%
2.1	Employee Cost	822.81	1.05	11%
2.2	Repair & Maintenance	212.10	0.27	3%
2.3	Administrative & General Expenses	54.10	0.07	1%
3	Depreciation	35.02	0.04	0%
4	Interest and Finance Charge	65.93	0.08	1%
5	Interest on Working Capital	0.00	0.00	0%
6	Other Debits incl. Provision for Bad Debt	12.35	0.02	0%
7	Interest on Consumer security deposit	38.92	0.05	1%
8	Exceptional Items, if any		0.00	0%
9	Sub total (1+2+(3 to 8))	6980.59	8.93	97%
10	Return on Equity	26.04	0.03	0%
11	Total Expenditure (9 to 10)	7006.63	8.97	98%
12	Less Non Tariff Income	297.36	0.38	4%
13	Less, Other Income (Consumer Related)	508.19	0.65	7%
14	Sharing of efficiency gain/losses			
	a) Reduction in Power Purchase cost due to incremental losses	119.57	0.15	2%
	b) Sharing of (gains)/losses on account of O&M expenses	9.54	0.01	0%
15	Revenue Gap-True Up 2018-19 including carrying cost	1097.24	1.40	15%
16	Aggregate Revenue Requirements (11-12-13+14+15)	7169.20	9.17	100%

1.15 It is clearly visible that 80% of the cost is attributed to Power purchase cost and significant 15% to True Up for FY 2018-19.

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Tariff Proposal

- 1.16 At present, Govt. of Assam is providing targeted subsidies for a few categories. In the absence of any written commitment from Govt. of Assam for continuance of the same in FY 2020-21, the Petitioner has proposed for full-cost recovery tariff for FY 2020-21.
- 1.17 In the event that the Govt. of Assam continue with the category-wise tariff subsidy for FY 2020-21, the same would be adjusted in the retail tariffs being charged to the respective consumer categories.
- 1.18 In this context, it is worth noting that historically the consumer profile of Assam is heavily loaded with Domestic consumers. The same got even aggravated with successful implementation of SAUBHAGYA. Such adverse consumer mix has already resulted in significantly higher tariff for a microscopic group of industrial/ commercial consumers. The same is already creating hurdle in the way of industrialization in the state of Assam.
- 1.19 Tariff Proposal in line with above is presented below:

Table 3: Tariff Proposal for FY 2020-21

Sl. No.	Category	Fixed Charge			Energy Charge		
		Existing Tariff	Increase(+)/Decrease(-)	Proposed	Existing Tariff	Increase(+)/Decrease(-)	Proposed
	LT GROUP		Rs/kW			Rs/kWh	
1	Jeeban Dhara 0.5 kw & 1kwh/day	20.00	15.00	35.00	4.55	0.45	5.00
2.	First 4kwh/day	40.00	25.00	65.00	5.40	1.25	6.65
	Next 4 kwh/day	40.00	25.00	65.00	6.65	1.60	8.25
	Balance	40.00	25.00	65.00	7.65	1.95	9.60
3	Domestic-B 5 kW to 25kW	40.00	30.00	70.00	7.25	1.60	8.85
4	Commercial Load above 0.5 to 25kW	120.00	35.00	155.00	7.60	1.85	9.45
5	General Load upto 25 kW	135.00	40.00	175.00	6.50	1.77	8.27
6	Public Lighting	120.00	30.00	150.00	6.60	1.40	8.00
7	Agriculture upto 25 kW	40.00	20.00	60.00	4.60	1.05	5.65
8	Small Industries Rural upto 25kW	40.00	20.00	60.00	5.15	1.10	6.25
9	Small Industries Urban upto 25kW	50.00	20.00	70.00	5.40	1.15	6.55
Temp	Domestic	80.00		80.00	9.39	3.00	12.39
	Others	125.00		125.00	11.49		11.49
	HT GROUP						
1	HT Domestic above 25 kW	40.00	40.00	80.00	7.25	1.94	9.19
2	HT commercial above 25 kW	160.00	45.00	205.00	7.60	2.15	9.75

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Sl. No.	Category	Fixed Charge			Energy Charge		
		Existing Tariff	Increase(+)/Decrease(-)	Proposed	Existing Tariff	Increase(+)/Decrease(-)	Proposed
3	Public Water works	135.00	40.00	175.00	6.35	1.95	8.30
4. Bulk Supply	Govt. Edu Inst	130.00	45.00	175.00	6.75	1.50	8.25
	Others	170.00	60.00	230.00	7.50	1.64	9.14
5	HT Small Industries upto 50 kw	60.00	30.00	90.00	5.85	1.35	7.20
6	HT Industries-I 50kw to 150 kw	140.00	35.00	175.00	6.40	1.45	7.85
7	HT Industries-II above 150 kw	200.00	60.00	260.00	6.90	1.55	8.45
8	Tea Coff & Rub	250.00	70.00	320.00	7.15	1.60	8.75
9	Oil & Coal	300.00	70.00	370.00	7.75	1.70	9.45
10	HT Irrigation Load above 25 kW	60.00	30.00	90.00	6.10	1.40	7.50

2: CATEGORYWISE CROSS SUBSIDY

2.1 Category wise cross-subsidy is computed the with respect to the ACoS and attempted to keep them within the limits of $\pm 20\%$ of the ACoS, as laid down in the Tariff Policy as well as several Judgments of Hon'ble APTEL. However, with the atypical consumer mix, the same has exceeded for some categories.

2.2 The category-wise cross-subsidy are given in the Table below:

Table 4: Tariff Proposal for FY 2020-21

Sl. No.	Category	Avg. Billing Rate (Rs./kWh)	Avg. Cost of Supply (Rs./kWh)	Ratio of ABR to ACoS (%)	Cross-subsidy provided(+)/received(-) (%)
1	Jeeban Dhara 0.5 kw & 1kwh/day	7.23	9.17	79%	-21%
2.1	Domestic A: First 4kwh/day	7.49	9.17	82%	-18%
2.2	Domestic A: Next 4 kwh/day	9.18	9.17	100%	0%
2.3	Domestic A: Balance	10.78	9.17	117%	17%
3	Domestic-B 5 kw to 25kw	10.86	9.17	118%	18%
4	Commercial Load above 0.5 to 25 kw	11.50	9.17	125%	25%
5	General Load upto 25 kw	10.34	9.17	113%	13%
6	Public Lighting	8.96	9.17	98%	-2%
7	Agriculture upto 25 kW	7.21	9.17	79%	-21%

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Sl. No.	Category	Avg. Billing Rate (Rs./kWh)	Avg. Cost of Supply (Rs./kWh)	Ratio of ABR to ACoS (%)	Cross-subsidy provided(+)/received(-) (%)
8	Small Industries Rural upto 25kw	7.89	9.17	86%	-14%
9	Small Industries Urban upto 25kw	8.10	9.17	88%	-12%
10	HT Domestic above 25kW	10.30	9.17	112%	12%
11	HT commercial 25kW & above	11.96	9.17	130%	30%
12	Public Water works	9.33	9.17	102%	2%
13.1	Bulk Supply: Govt. Edu Inst	9.41	9.17	103%	3%
13.2	Bulk Supply: Others	10.45	9.17	114%	14%
14	HT Small Industries upto 50 kW	8.18	9.17	89%	-11%
15	HT Industries-I 50kw to 150 kW	9.62	9.17	105%	5%
16	HT Industries-II above 150 kW	9.78	9.17	107%	7%
17	Tea Coff & Rub	10.01	9.17	109%	9%
18	Oil & Coal	11.00	9.17	120%	20%
19	HT Irrigation Load above 25 kW	11.11	9.17	121%	21%

3: WHEELING CHARGES AND CROSS-SUBSIDY SURCHARGE

Introduction

3.1 The Petitioner has determined the Wheeling Charges and Cross-Subsidy Surcharge applicable for Open Access consumers of APDCL for FY 2020-21 in line with the approach followed by the Hon'ble Commission in its earlier tariff orders.

Allocation Matrix

3.2 The Petitioner has retained the following matrix, considered in previous tariff orders of the Commission for allocation of expenses between the Wires Business and Retail Supply Business for FY 2020-21.

Table 5: Allocation Matrix for Separation of ARR for Wires and Retail Supply Business

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Sr. No.	Particulars	Wires Business	Retail Supply Business
1	Power Purchase Expenses	0%	100%
2	Employee Expenses	60%	40%
3	R&M Expenses	90%	10%
4	A&G Expenses	50%	50%
5	Depreciation	90%	10%
6	Interest and Finance Charges	90%	10%
7	Interest on Working Capital	10%	90%
8	Interest on CSD	0%	100%
9	Return on Equity	90%	10%
10	Income Tax	90%	10%
11	Provisioning for Bad & Doubtful Debts	0%	100%
12	Less: Non-Tariff Income	0%	100%
13	Less: Other Income	10%	90%

3.3 The separation of ARR for FY 2020-21 into wires and retail supply business basis the above allocation matrix is as shown below.

Table 56: Separation of ARR for Wires and Retail Supply Business for FY 2020-21 (Rs. Crores)

Sr. No.	Particulars	Gross Amount	Adj. of efficiency gain/loss	Total	Wire Business	Retail Supply Business
1	Power Purchase Expenses	5739.37	-119.57	5619.80	0.00	5619.80
2	Employee Expenses	822.81	-22.93	799.88	479.93	319.95
3	R&M Expenses	212.10	12.90	224.99	202.49	22.50
4	A&G Expenses	54.10	0.49	54.59	27.29	27.29
5	Depreciation	35.02		35.02	31.52	3.50
6	Interest and Finance Charges	65.93		65.93	59.33	6.59
7	Interest on Working Capital	0.00		0.00	0.00	0.00
8	Interest on CSD	38.92		38.92	0.00	38.92
9	Return on Equity	26.04		26.04	23.44	2.60
10	Exceptional items			0.00	0.00	0.00
11	Provisioning for Bad & Doubtful Debts	12.35		12.35	0.00	12.35
12	Less: Non-Tariff Income	297.36		297.36	0.00	297.36
13	Less: Other Income	508.19		508.19	50.82	457.37
	Total ARR	6201.08	-129.12	6071.96	773.18	5298.78

Wheeling Charges

3.4 The Wheeling Charges applicable for distribution open access consumers at 33 kV voltage level for FY 2019-20 has been determined from the ARR of the Distribution Wires Business, as

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determined in the above table.

Table 6: Wheeling Charges for FY 2020-21

Sr. No.	Particulars	Units	Proposed
1	Total Energy Input into Distribution System	MU	9,648
2	Total Wires ARR	Rs. Crores	773.18
3	Distribution Cost for Wires Business for 33 kV Voltage level (assuming 35% of cost at 33 kV)	Rs. Crores	270.61
4	Wheeling Charges for 33 kV Voltage Level	Rs/kWh	0.28

- 3.5 The Wheeling Charges for FY 2020-21 as determined in the above table are applicable for use of the distribution system of APDCL by other licensees or generating companies or captive power plants or consumers/users who are permitted open access at 33 kV voltage level under Section 42(2) of the Electricity Act, 2003.

Wheeling Losses

- 3.6 The applicable wheeling losses for open access transactions for FY 2020-21 have been retained at the levels as approved in the last tariff order dated March 1' 2019 for FY 2019-20.

Table 7: Wheeling Losses for FY 2020-21

Sr. No.	Particulars	%age
1	At 33 kV level	5%
2	At 11 kV level	11%

Cross-Subsidy Surcharge

- 3.7 The Open Access consumers are liable to pay CSS to compensate the utility for any loss of revenue due to the shifting of the consumer to the Open Access system. Eligible consumers with a connected load of 1 MW and above shall be allowed open access.
- 3.8 In the tariff order dated March 1' 2019, the Commission had determined the CSS for open access customers for FY 2019-20, as the difference between the ACoS and the ABR for the category.
- 3.9 Accordingly, the CSS for HT-II Commercial Category, HT-IV (i) Bulk Supply Govt. Edu. Institutions category, HT-IV (ii) Bulk Supply Others

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category, HT-V (C) HT Industry category, HT-VI Tea, Coffee & Rubber category, and HT-VII Oil & Coal category has been computed as shown in the table below:

Table 8: Category-wise cross-subsidy surcharge for FY 2020-21 (Rs./kWh)

Particulars	Legend	Rs./kWh
Average Billing Rate for HT Commercial category	A	11.96
Average Billing Rate for HT Bulk Supply - Govt. Edu. Inst. category	B	9.41
Average Billing Rate for HT Bulk Supply Others category	C	10.45
Average Billing Rate for HT-II Industry above 150 kW category	D	9.78
Average Billing Rate for Tea, Coffee & Rubber category	E	10.01
Average Billing Rate for Oil & Coal category	F	11.00
Average Cost of Supply	G	9.17
Cross-Subsidy Surcharge for HT Commercial category	$H = A - G$	2.78
Cross-Subsidy Surcharge for HT Bulk Supply - Govt. Edu. Inst. Category	$I = B - G$	0.23
Cross-Subsidy Surcharge for HT Bulk Supply Others category	$J = C - G$	1.28
Cross-Subsidy Surcharge for HT-II Industry above 150 kW category	$K = D - G$	0.60
Cross-Subsidy Surcharge for Tea, Coffee & Rubber category	$L = E - G$	0.84
Cross-Subsidy Surcharge for Oil & Coal category	$M = F - G$	1.83

4: TARIFF SCHEDULE

- 4.1 This Chapter details the tariffs applicable in the State of Assam with effect from April 1, 2020 until replaced/modified by any order of the Commission.
- 4.2 For the purpose of this Schedule, the consumers are divided into two distinct groups based on voltage of supply, i.e., LT Group and HT Group. The consumers are further divided into categories based on purpose of supply and nature of supply.

Common Terms & Conditions for both, LT Group and HT Group

- a) Surcharge for delayed payment: Surcharge @ 1.5% per month or part thereof at simple interest shall be levied, if payment is not made in full on or before the due date.
- b) Payments shall be made by cash/local cheque/DD/Electronic Transfer (where applicable): For all payments made by DD, the commission shall be borne by the consumers.
- c) The Tariff does not include any tax or duty, etc., on electrical energy that may be payable at any time in accordance with any law/State Government Rule in force. Such charges, if any, shall be payable by the consumers in addition to tariff charge.

LT Group

Supply Voltage: 1 Ph, 230 V AC and 3 Ph, 415 V AC

Common Terms & Conditions for LT Group

- a) For the purpose of determination of monthly fixed charge based on Connected Load, the Connected Load shall be rounded up to the next higher kW if the decimal is higher than 0.5 and the nearest lower kW if the decimal is lower than 0.5.
- b) For Jeevan Dhara consumers having Connected Load below 0.5 kW, Connected Load shall be rounded off to 0.5 kW.

Power factor penalty and rebate

[Applicable for LT IV –Commercial, LT V – General Purpose Supply, LT VIII – Small Industries, and HT I – Domestic, HT II – Commercial,

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HT III – Public Water Works, HT IV – Bulk Supply, HT V (A) - Small Industries, HT V (B) – HT I Industry, HT V (C) – HT II Industry, HT VI – Tea, Coffee & Rubber, HT VII – Oil & Coal, HT VIII – Irrigation, and HT X – Electric Crematorium]

(a) Power Factor Rebate:

- i. In case, the average PF (leading or lagging) maintained by the consumer is more than 0.85 and up to 0.95, a rebate of 1% on the Energy Charges on unit consumption shall be applicable;
- ii. For PF (leading or lagging) of 0.95 and above up to 0.97, a rebate of 2% on the Energy Charges on unit consumption shall be applicable;
- iii. For PF (leading or lagging) of 0.97 and above up to Unity PF, a rebate of 3% on the Energy Charges on unit consumption shall be applicable.

(b) Power Factor Penalty:

- i. In case average PF (leading or lagging) in a month for a consumer falls below 0.85, a penalty @1% for every 1% fall in PF (leading or lagging) from 0.85 to 0.60; plus 2% for every 1% fall below 0.60 to 0.30 upto and including 0.30 shall be levied on total unit consumption. PF penalty shall be levied on those consumers where PF is recorded electronically.

LT Category-1 Jeevan Dhara:

Applicability

This Tariff shall be applicable for supply of power to any premises exclusively for the purpose of own requirements with a Connected Load of not more than 0.5 kW and consumption up to 1 kWh/day or 30 kWh per month.

Tariff:

Consumption	Energy Charge	Fixed Charge
For consumption up to 30 kWh per month	Rs. 5.00/kWh	Rs. 35 per connection per month

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If any Jeevan Dhara consumer consumes more than 30 units per month for 2 consecutive months, then such consumer should be transferred to Domestic A category and billed accordingly thereafter, irrespective of the number of units consumed.

LT Category-II Domestic A

Applicability

This tariff shall be applicable for supply of power to consumers having connected load below 5 kW for residential premises, exclusively for domestic purposes only. This shall also include supply of power to occupants of flats in multi-storied buildings, if the premises have not been classified under Domestic B or HT Domestic and receiving bulk power at single point without any individual metering arrangements for domestic purposes.

Tariff:

Consumption	Energy Charge	Fixed Charge
First 120 kWh per month	Rs. 6.65 /kWh	Rs. 65/kW/month
From 121 – 240 kWh per Month	Rs. 8.25/kWh	
Balance kWh	Rs. 9.60/kWh	

NOTE:

If any part of domestic connection is utilized for any use other than dwelling purpose like commercial, industrial, etc., the entire consumption shall be treated under that category and the respective tariff shall be applied for entire consumption. Such cases shall be treated as per clause 7.4 of the AERC (Electricity supply code) Regulation 2017.

LT Category-III Domestic B

Applicability

This tariff shall be applicable for supply of power to consumers having Connected Load of 5 kW and above up to 25 kW exclusively for domestic purposes only. This shall also include bulk supply at single

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point for supply to occupants of flats in multi-storied buildings having individual metering for domestic purposes.

Tariff:

	Energy Charge	Fixed Charge
For all consumption	Rs. 8.85 /kWh	Rs. 70/kW/month

NOTE:

If any part of domestic connection is utilized for any use other than dwelling purpose like commercial, industrial, etc., the entire consumption shall be treated under that category and the respective tariff shall be applied for entire consumption. Such cases shall be treated as per clause 7.4 of the AERC (Electricity supply code) Regulation 2017.

LT Category-IV: LT Commercial

Applicability

This tariff shall be applicable for supply of power to consumers having Connected Load up to 25 kW to all establishments and institutions of commercial nature and connected with trading activities, including commercial offices, Government and public sector commercial installations, commercial houses, optical houses, shops, hotels, restaurants, bars, refreshment stalls, showcases of advertisements, theatres, cinema halls, guest houses, laundries, dry-cleaners, Railway stations, public and private bus- stands not covered under any other category of consumers, copy works, X-ray installations, private nursing homes/clinical laboratories, photographic studios, battery charging units, workshops, petrol pumps, factory & printing presses not using motive power in the manufacturing process, private educational and cultural institutions, lodging and boarding houses.

Tariff

	Energy Charge	Fixed Charge
For all consumption	Rs. 9.45/kWh	Rs. 155/kW/month

LT Category V- LT General Purpose Supply

Proposed Retail Tariff Schedule for FY 2020-21

Applicability

This tariff shall be applicable for supply of power to consumers having Connected Load upto 25 kW to all Non-commercial and Non-domestic users of electric power like Government offices, Semi-Government Educational and cultural institutions, Government hospitals, dispensaries, Charitable institutions and Trusts (public or private formed solely for charitable or religious purposes), Dharamshalas, Non- commercial boarding and lodging houses and other Non-commercial institutions.

Tariff

	Energy Charge	Fixed Charge
For all consumption	Rs. 8.27 /kWh	Rs. 175/kW/month

LT Category VI-Public Lighting

Applicability

This tariff is applicable to supply of power for street lighting systems in Municipalities, Town Committees and Panchayat, etc., Signal systems in roads and park lighting, in areas of Municipality/Town Committee/Panchayat, etc.

Tariff

	Energy Charge	Fixed Charge
For all consumption	Rs. 8.00/kWh	Rs. 150/kW/month

N.B. In case any unmetered supply is provided in exigency; the energy shall be assessed considering 12 hours per day burning hours for the energy charge. For example, if the total connected load of the street light service is 1 kW, energy shall be assessed as 12 units per day.

LT Category VII-Agriculture

Applicability

Proposed Retail Tariff Schedule for FY 2020-21

This tariff shall be applicable for supply of power for agriculture / irrigation purpose in the agricultural sector having Connected Load upto 25 kW.

Tariff

	Energy Charge	Fixed Charge
For all consumption	Rs. 5.65/kWh	Rs. 60/kW/month

LT Category VIII – Small Industries

Applicability

This tariff is applicable for supply of power for industrial purposes having licence from designated authority of appropriate Government and not covered under any other category, for consumers having Contract Demand/Connected Load upto 25 kW.

Tariff

	Energy Charge	Fixed Charge
Rural Industries – for all consumption	Rs. 6.25/kWh	Rs. 60/kW/month
Urban Industries - for all consumption	Rs. 6.55/kWh	Rs. 70/kW/month

LT Category IX: Temporary Supply:

Applicability

This Tariff will be applicable for electric supply of power at LT, which is temporary in nature for a period not exceeding one month.

	Charges
Domestic	Rs. 80/kW/day or Rs. 12.39/kWh whichever is higher
Non Domestic non agricultural	Rs. 125/kW/day or Rs. 11.49/kWh whichever is higher
Agricultural	Rs. 65/kW/day or Rs. 6.00/kWh whichever is higher.

LT ELECTRIC VEHICLE (EV) CHARGING STATIONS

Applicability

Proposed Retail Tariff Schedule for FY 2020-21

This tariff is applicable to consumers who use electricity exclusively for Electric Vehicle Charging installations at LT level.

Particulars	Energy Charge	Demand Charge
Entire Consumption	Rs. 7.50/kWh	Rs. 70/kW/month

In case the consumer uses the electricity supply for charging his own electric vehicle at his premises, the tariff applicable shall be as per the category of such premises.

In case the consumer uses electricity supply for charging his own electric vehicle used for commercial purpose at his premises, the tariff applicable for such use to commercial category shall be applicable.

Electricity consumption for other facilities at charging station such as restaurant, rest rooms, convenience stores, etc., shall be charged at tariff applicable to commercial category.

HT Group

Tariff for this group is applicable for those consumers availing power supply at 11 kV or above. Calculations shall be deemed to be in kVA for consumers under this part of the tariff schedule. However, consumers above 25 kW (or 30 kVA) Connected Load and drawing power at LT are also covered under this Group. During the period of conversion from LT supply to HT supply, the consumer shall have to pay the necessary compensatory charges (10% & 3% of total energy consumption for LT line & DTR, respectively).

Common Terms & Conditions for HT Group

- For supply at voltages higher than as applicable to the consumers, rebate @ 3% shall be applicable on energy consumption for each higher level of voltage, and a surcharge of 3% shall be applicable if consumer draws power at lower than the applicable voltage level.
- In case, metering is done on the L.T. side of the distribution transformer, for a group of consumers receiving power, then for the purpose of billing, an additional energy consumption on account of transformer loss computed @ 3% on the consumer's Energy Charges shall be added.

c) Voltage Rebate

- i. A rebate of 3% in the Energy Charges shall be applicable for all consumers taking supply at 132 kV
 - ii. A rebate of 1.5% in the Energy Charges shall be applicable for all consumers taking supply at 33 kV
- d) Contract Demand: The Contract Demand shall be as per the Agreement executed between the consumer and APDCL. In case declaration/option is not made by the consumer, 100% of the Connected Load converted to kVA shall be the contracted demand.
- e) Billable Demand: Billing demand shall be 100% of Contracted Demand or Recorded Demand, whichever is higher. In case the meter remains defective in a month, billing demand shall be considered as per clause 6.3.4 of AERC (Electricity Supply Code) Regulations, 2017, as amended from time to time.
- f) Overdrawal Penalty: If the Recorded Demand is higher than the Contracted Demand in a month, then fixed charge based on Contracted Demand shall be levied at three times the normal rate for the portion of demand exceeding the Contracted Demand.

HT Category I: HT Domestic

Applicability

This tariff shall be applicable for supply of power to consumers having Connected Load above 25 kW (or 30 kVA) to residential premises, exclusively for domestic purposes only. This shall also include supply of power to occupants of flats in multi storied buildings/ residential colony, receiving bulk power at single point with single metering for domestic purposes.

Tariff

	Energy Charge	Fixed Charge
For all consumption	Rs. 9.19/kWh	Rs. 80/kVA/month

NOTE:

Proposed Retail Tariff Schedule for FY 2020-21

If any part of the domestic connection is utilised for any use other than dwelling purpose like commercial, industrial, etc., the entire consumption shall be treated under that category and the respective tariff shall be applied for the entire consumption.

HT Category-II: HT Commercial

Applicability

This tariff shall be applicable for supply of power to consumers having Connected Load above 25 kW (or 30 kVA) to all establishments and institutions of commercial nature and connected with trading activities, including commercial offices, Government and public sector commercial installations, commercial houses, optical houses, shops, shopping malls, restaurants, hotels, bars, refreshment stalls, showcases of advertisements, theatres, cinema halls, guest houses, laundries, dry-cleaners, Railway stations, public and private bus-stands not covered under any other category of consumers, copy works, X-ray installations, private nursing homes/clinical laboratories, photographic studios, battery charging units, workshops, petrol pumps, factory & printing presses not using motive power in the manufacturing process, private educational and cultural institutions, lodging and boarding houses.

Tariff

	Energy Charge	Fixed Charge
For all consumption	Rs. 9.75 /kWh	Rs. 205/kVA/month

HT Category - III: Public Water Works

Applicability

This tariff is applicable for public water supply maintained by Government or Government Corporations, Municipalities, Town Committees and Panchayats.

Tariff

	Energy Charge	Fixed Charge
For all consumption	Rs. 8.30/kWh	Rs. 175/kVA/month

HT Category – IV: Bulk Supply

Applicability

This tariff is applicable to Bulk consumers with a Connected Load above 25 kW (or 30 kVA) provided that the consumers not covered by any other category such as any domestic connection, industries, tea, etc., and who make their own internal distribution arrangement at their own cost and receive power at the point of supply at high or extra high voltage. This is further classified as under:

- i. Government educational institution-like universities, engineering colleges, medical colleges with residential facilities and
- ii. Others - categories not included in any of the above categories, including Government offices, Railways, Military Engineering Services, etc.

Tariff

- i. Bulk Government Educational Institutions

	Energy Charge	Fixed Charge
For all consumption	Rs. 8.25/kWh	Rs. 175/kVA/month

- ii. Others

	Energy Charge	Fixed Charge
For all consumption	Rs. 9.14/kWh	Rs. 230/kVA/month

HT Category V (A): HT Small Industries

Applicability

This tariff is applicable for supply of power for industrial purposes having licence from designated authority of appropriate Government and not covered under any other category, for consumers with Connected Load above 25 kW (or 30 kVA) and up to 50 kVA, irrespective of location of the industry in rural area or urban area.

Proposed Retail Tariff Schedule for FY 2020-21

Tariff

	Energy Charge	Fixed Charge
For all consumption	Rs. 7.20/kWh	Rs. 90/kVA/month

HT Category V (B)-HT-I Industries

Applicability

This tariff is applicable for supply of power to industrial consumers having licence from designated authority of appropriate Government and not covered under any other category, at a single point for industrial purposes with Contract Demand/Connected Load above 50 kVA and up to 150 kVA.

Tariff

	Energy Charge (Base Tariff)	Fixed Charge
For all consumption	Rs. 7.85/kWh	Rs. 175/kVA/month

TOD tariff

In addition to the above Base Tariff, the following Time of Day (TOD) tariff for HT-I industries shall be applicable:

Time Slot	Energy charge (Rs./kWh)
0600 hrs to 1700 hrs (normal)	0.00
1700-2200 hrs (peak)	(+) 1.50
2200-0600 hrs (night off-peak)	(-) 1.50

HT Category V (C): HT-II Industries

Applicability

Proposed Retail Tariff Schedule for FY 2020-21

This tariff is applicable for supply of power at a single point for industrial purposes having licence from designated authority of appropriate Government and not covered under any other category, for Contract Demand/Connected Load above 150 kVA.

Tariff

A consumer may opt for any one of the following Options depending on his requirements by prior intimation to concerned billing unit of Discom. A consumer may change his Option only after six months of availing that particular Option.

Option -1

	Energy Charge (Base Tariff)	Fixed Charge
For all consumption	Rs. 8.45/kWh	Rs. 260/kVA/month

In addition to the above Base Tariff, the following Time of Day (TOD) tariff for HT-II Industries shall be applicable:

Time Slot	Energy Charge (Rs./kWh)
0600 hrs to 1700 hrs (normal)	0.00
1700-2200 hrs (peak)	(+) 1.50
2200-0600 hrs (night off-peak)	(-) 1.50

Option -2

	Energy Charge (Base Tariff)	Fixed Charge
For all consumption	Rs. 7.50/kWh	Rs. 375/kVA/month

No TOD Tariff will be applicable for consumers who opt for Option-2.

HT Category VI-Tea, Coffee and Rubber

Applicability

This tariff is applicable for tea, coffee and rubber plantation/production by utilisation of electrical power in factory, irrigation, lighting, etc., in the Estate.

Proposed Retail Tariff Schedule for FY 2020-21

Tariff

	Energy Charge (Base Tariff)	Fixed Charge
For all consumption	Rs. 8.75/kWh	Rs. 320/kVA/month

In addition to the above Base Tariff, the following Time of Day (TOD) tariff for HT-VI Tea, Coffee & Rubber shall be applicable:

Time Slot	Energy Charge (Rs./kWh)
0600 hrs to 1700 hrs (normal)	0.00
1700-2200 hrs (peak)	(+) 1.50
2200-0600 hrs (night off-peak)	(-) 1.50

HT Category VII - Oil and Coal

Applicability

This tariff shall be applicable for supply of power to consumers at a single point for installations of Oil and Coal Sector.

Tariff

	Energy Charge (Base Tariff)	Fixed Charge
For all consumption	Rs. 9.45 /kWh	Rs. 370/kVA/month

In addition to the above Base Tariff, the following Time of Day (TOD) tariff for HT-VII Oil and Coal shall be applicable:

Time Slot	Energy Charge (Rs./kWh)
0600 hrs to 1700 hrs (normal)	0.00
1700-2200 hrs (peak)	(+) 1.50
2200-0600 hrs (night off-peak)	(-) 1.50

HT Category VIII – HT Irrigation

Applicability

Proposed Retail Tariff Schedule for FY 2020-21

This tariff shall be applicable for electricity supply for agriculture / irrigation purpose in the agricultural sector for pump set above 25 kW (or 30 kVA) and for whom power has been supplied at 11 kV or above.

Tariff

	Energy Charge	Fixed Charge
For all consumption	Rs. 7.50 /kWh	Rs. 90/kVA/month

HT Category IX: Temporary Supply

Applicability

This Tariff will be applicable for electric supply of power at HT which is temporary in nature for a period not exceeding one month.

Charges

Rs. 350/kVA/day or Rs. 15.00/kWh, whichever is higher

HT Category X: Electric Crematorium

Applicability

This tariff is applicable for electricity used in Electric Crematoriums for all purposes, including lighting.

Tariff

	Energy Charge	Fixed Charge
For all consumption	Rs. 5.00/kWh	Rs. 250/kVA/month

HT ELECTRIC VEHICLE (EV) CHARGING STATIONS

This tariff is applicable to consumers who use electricity exclusively for Electric Vehicle Charging installations at 11 kV and above.

Particulars	Energy Charge	Fixed Charge

Proposed Retail Tariff Schedule for FY 2020-21

Entire Consumption	Rs. 8.00/kWh	Rs. 100/kVA/month
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In case the consumer uses the electricity supply for charging his own electric vehicle at his premises, the tariff applicable shall be as per the category of such premises.

In case the consumer uses electricity supply for charging his own electric vehicle used for commercial purpose at his premises, the tariff applicable for such use to commercial category shall be applicable.

Electricity consumption for other facilities at charging station such as restaurant, rest rooms, convenience stores, etc., shall be charged at tariff applicable to commercial category.

HT Railway Traction

Applicability: This tariff is applicable to the Railways for traction loads only at 132 kV/220 kV. For the first year, the tariff as applicable for HT Commercial shall be applicable.

Other terms and condition shall be as mentioned in the general terms and conditions of HT tariff.

Date: - 30.11.2019
Place: - Guwahati

Sd/-
(Manoranjan Kalita)
General Manager
Tariff Regulatory Cell

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