



महाराष्ट्र विद्युत नियामक आयोग

Maharashtra Electricity Regulatory Commission



Ref. No. MERC/FAC/2024-25/JNPA/0091

Date: 30 January, 2025

Jawaharlal Nehru Port Authority
Administration Building
Sheva, New Mumbai - 400 707

Subject: Post-facto approval of Fuel Adjustment Charges (FAC) submissions of Jawaharlal Nehru Port Authority (JNPA) for the months of July 2024, August 2024 and September 2024.

Reference: 1. JNPA FAC submission for the months of July 2024, August 2024 and September 2024 vide email dated 26th November 2024
2. Data gaps raised vide email dated 16th December 2024
3. JNPA's response to data gaps vide email dated 17th December 2024

Sir,

Upon vetting the FAC calculations for the months of July 2024, August 2024 and September 2024 as mentioned in the above reference, the Commission has accorded approval for charging FAC to its consumers as shown in the table below:

Table 1: Z_{FAC} leviable/refundable to consumer

Month	July 2024	August 2024	September 2024
Z _{FAC} allowed for recovery (Rs. Crore)	Nil	Nil	Nil

The Commission allows the FAC of Rs. (0.053) Crore, Rs. (0.130) Crore and Rs. (0.117) Crore for the months of July 2024, August 2024, and September 2024, respectively, to be accumulated in the FAC stabilization fund with holding cost. Further, as directed by the Commission, to maintain transparency in the management and use of such FAC Fund, JNPA shall maintain a monthly account of such FAC fund and upload it on its website for information of stakeholders. Such details shall also be submitted to the Commission on a quarterly basis along with a proposal for post facto vetting of FAC.



Yours faithfully,

(Dr. Rajendra G. Ambekar)
Secretary, MERC

Encl: Annexure A: Detailed Vetting Report for the period of July 2024, August 2024 and September 2024.

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POST-FACTO APPROVAL FOR FAC CHARGES FOR THE MONTHS OF July 2024, August 2024 AND September 2024

Subject: Post-facto approval of Fuel Adjustment Charges (FAC) submissions of JNPA for the months of July 2024, August 2024 and September 2024.

Reference: 1. JNPA FAC submission for the months of July 2024, August 2024 and September 2024 vide email dated 26th November 2024
2. Data gaps raised vide email dated 16th December 2024
3. JNPA's response to data gaps vide email dated 17th December 2024.

1. FAC submission by JNPA:

1.1 JNPA has made FAC submissions for the months of July 2024, August 2024 and September 2024 as referred above. Upon vetting the FAC calculations, taking cognizance of all the submissions furnished by JNPA, the Commission has accorded post-facto approval for the FAC amount to be charged in the billing months of July 2024, August 2024 and September 2024.

2. Background

2.1 On 31 March 2023 the Commission has issued Tariff Order in respect of JNPA (Case No. 219 of 2022) for Truing up of FY 2021-22, Provisional Truing up of FY 2022-23 and ARR and Tariff for the Multi-Year Tariff period for FY 2023-24 and FY 2024-25. Revised Tariff has been made applicable from 1 April 2023.

2.2 The Commission had communicated the excel formats and guiding principles for filing of FAC submissions to all Distribution Licensees including SEZs. The Commission also directed all Distribution Licensees to submit FAC computations, including details pertaining to variation in fuel cost of generators for the approval of the Commission.

2.3 The summary of the FAC Vetting Report approvals granted by the Commission till date is given below:

- Prior approval to the FAC for the month of April 2023 vide FAC Vetting Report dated 04th July 2023.
- Post-facto approval to the FAC for the months of May 2023 and June 2023 vide FAC Vetting Report dated 22nd November 2023
- Post-facto approval to the FAC for the months of July 2023, August 2023 and September 2023 vide FAC Vetting Report dated 02nd February 2024
- Post-facto approval to the FAC for the months of October 2023, November 2023 and December 2023 vide FAC Vetting Report dated 15th April 2024.



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- Post-facto approval to the FAC for the months of January 2024, February 2024 and March 2024 vide FAC Vetting Report dated 12th July 2024.
- Post-facto approval to the FAC for the months of April 2024, May 2024 and June 2024 vide FAC Vetting Report dated 7th November 2024.

2.4 As per provisions of MYT Regulations, 2019, Distribution Licensee is required to obtain post-facto approval of the Commission on a quarterly basis for FAC charges within 60 days of close of each quarter. Accordingly, vide its letter dated 26th November 2024, JNPA has filed FAC submissions for the months of July 2024, August 2024 and September 2024 for post-facto approval. The Commission has scrutinized the submissions provided by JNPA and has also verified the power purchase bills provided along with its submissions.

3. Energy Sales of the Licensee

3.1 In the MYT Order passed by the Commission in Case No. 219 of 2022, the Commission has approved the tariffs to maintain zero cross-subsidy across tariff categories.

3.2 The net energy sales within licence area as submitted by JNPA in the FAC submission and as approved by the Commission are as shown in the table given below:

Table 2: Energy Sales approved and actual in MUs (Million kWh)

Consumer Category	Approved by the Commission	Monthly Approved	Actual Sales (July 2024)	Actual Sales (August 2024)	Actual Sales (September 2024)
	I	II = I/12	III	IV	V
HT Category					
HT- 1 Industry	5.09	0.42	0.23	0.21	0.19
HT-II Commercial	4.45	0.37	0.18	0.16	0.15
LT Category					
LT-II(A) Commercial	-	-	0.004	0.005	0.005
LT-II (B) Commercial	0.39	0.03	0.01	0.01	0.01
LT-II (C) Commercial	1.30	0.11	0.00	0.00	0.01
LT-V (II) Industrial	0.65	0.05	0.03	0.03	0.03
LT-VII (B) (11) Public Service	0.16	0.01	0.01	0.01	0.01
Total	12.05	1.00	0.46	0.43	0.39

3.3 It can be observed from above table that the actual sales during the months of July 2024, August 2024 and September 2024 are 0.46 MUs, 0.43 MUs, and 0.39 MUs, respectively, which is **54.13%, 57.61%, and 61.04%** lower than monthly approved energy sales of **1.00 MU** for the FY 2024-25. Significant reduction is observed in HT I - Industry and HT II - Commercial categories in July 2024, August 2024 and September 2024. Reduction is also observed in LT-II Commercial (C) category in the months of July 2024, August 2024 and September 2024.



4. **Power Purchase Details**

4.1 JNPA is a major port notified under Major Port Authoritys Act, 1963. JNPA has been notified as a Developer of SEZ by the Ministry of Commerce and Industry, Government of India on 11 August 2014 vide SEZ notification No. S. O. 2047 (E). The SEZ is being developed over an area of 277.38 Hectares situated in the villages of Savarkahar, Karal, Sonari, and Jaskhar of Uran Taluka, District Raigad of Maharashtra.

4.2 JNPA is a deemed Distribution Licensee for the notified SEZ area under Section 14 of the EA, 2003. The Commission, after following the due regulatory process, vide its Order dated 14th June 2018 in Case No. 47 of 2018 confirmed the status of JNPA as a deemed Distribution Licensee for the notified SEZ area under Section 14 of the EA, 2003. JNPA does not own or operate any generating stations. Accordingly, JNPA is required to procure power from outside sources to fulfil the electricity demand of its consumers.

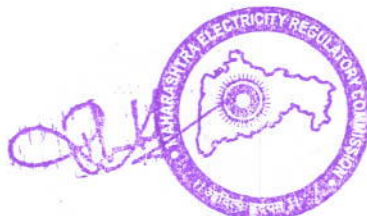
4.3 **Approved Power Purchase sources:**

4.3.1 **Power Procurement from Short Term Contracts:** JNPA has envisaged procurement of its power requirement from conventional sources for meeting its Base Load and Peak Load requirement during FY 2023-24 and FY 2024-25.

4.3.2 JNPA in the MYT Petition in Case No. 219 of 2022 had submitted that it will purchase power on short term basis for FY 2023-24 and FY 2024-25 through competitive bidding and it will approach the Commission for adoption of Tariff. JNPA estimated the power purchase rate of Rs. 5.40/kWh for FY 2023-24 and FY 2024-25 based on the latest price discovered by M/s. Laxmipati Balaji Supply Chain Management Ltd. for the period February 2023 to January 2024. The Commission in its MYT Order in Case No. 219 of 2022 has approved the quantum of power purchase and power purchase expense towards the procurement of short-term conventional power at the latest approved rate for similar utility of Rs. 5.40/ kWh for FY 2023-24 and FY 2024-25.

4.3.3 **Power Procurement from New sources:** The rate of power purchase approved by the Commission in the MYT Order in Case No. 219 of 2022 from new short-term source is Rs. 5.40/kWh. The PPA with MPL was valid till 30 June 2024. JNPA conducted e-bidding for Short-Term power purchase post expiry of this contract. As a result of the bidding process, MPL turned out to be the lowest bidder. Thus, JNPA executed the PPA with MPL for the period from 1 September 2024 till 31 August 2025 at an agreed rate of Rs. 6.30/kWh (explored through competitive bidding process). Consequently, the Commission, in its Order in Case no. 138 of 2024, dated 9th October 2024, has approved this Short-Term power procurement of 1.8 MW (0.9 MW Base load and 0.9 MW Peak load) through MPL till August 2025 at the agreed rate of Rs. 6.30/kWh. Since this is a new contract, the same has been considered under the category "New source/Exchange" in the FAC calculations.

4.3.4 Since the PPA is expired on 30th June 2024, there is no procurement of power from the MPL in the month of July 2024 and August 2024. However, JNPA has procured 0.43 in month of September 2024 at the power purchase rate of Rs. 6.30/kWh.



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4.3.5 **RE Power procurement:** As regard RPO, JNPA in the MYT Petition in Case No. 219 of 2022 has proposed to meet its RPO through RECs alone and has not proposed procurement of any RE power in month July 2024, August 2024 and September 2024. The Commission has accordingly approved the procurement of REC to meet the RPO considering the cost of Rs. 1.00/kWh. However, JNPA has not purchased and RE power or REC in the months of July 2024, August 2024 and September 2024.

4.3.6 The Commission has approved the average rate of Power Purchase of Rs. 5.65/kWh for FY 2024-25 considering all the sources of power including RPO compliance.

4.4 Summary of power purchase of JNPA is as under:

4.5

Table 3: Summary of power purchase

Sr. No.	Particular	Compliance
1	Purchase from Approved Sources	Yes. The Commission has approved power procurement from existing source [i.e., from Manikaran Power Limited (MPL) and new source in MYT Order dated 31 March 2023 in Case No. 219 of 2022. For September 2024, JNPA fulfilled its RTC and Peak power purchase requirement from MPL which was approved by the Commission vide Order No. 138 of 2024 dated 9 th October 2024. Part of the power requirement for July 2024 and August 2024 was met through power procured from power exchange due to the reasons stated above. The average power purchase cost (APPC) for the month of July 2024, August 2024 and September 2024 is Rs. 4.65/kWh, Rs. 4.53/kWh and Rs. 6.11/kWh which is higher than the approved rate of Rs. 5.65/kWh.
2	Merit Order Dispatch	Yes. JNPA has followed merit order for scheduling of power and preference was given to cheapest power. JNPA procures RTC power on short term basis from an approved source i.e., from M/s. Manikaran Power Limited, which is only contracted generator in the month September 2024. Further, during unavailability of the contracted source in the month of July 2024 and August 2024, it has procured power from power exchange which is in line with MOD principles.
3	Fuel Utilization Plan	Not applicable. All the sources of power procurement fall under Section 63 of EA, 2003.
4	DSM Pool	JNPA has drawn 0.05 MUs ,0.09 MUs and 0.02 MUs in the months of July 2024, August 2024 and September 2024, respectively, in the DSM pool.
5	Sale of Surplus Power	There was no sale of Surplus power in the months of July 2024, August 2024 and September 2024.
6	Power Purchase	Actual Power Purchase is 0.54 MUs, 0.50 MUs and 0.45 MUs for July 2024, August 2024 and September 2024 respectively, as against approved monthly power purchase of 1.18 MUs due to lower actual sales as compared to approved sales. The actual distribution losses in the months of July 2024, August 2024 and September 2024 are also lower than the approved distribution losses.



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Sr. No.	Particular	Compliance			
		Source Name	Approved (MU)*	Actual July 2024 (MU)	Proportion of each Source in Actual Purchase (%)
7	Source wise Power Purchase	Total	1.18	0.54	100%
		Total	1.18	0.50	100%
		Total	1.18	0.45	100%
		<p># The PPA with Manikaran Power Ltd. (MPL) which was approved by the Commission in the case 153 of 2023 was expired on the 30th June 2024. Subsequently, JNPA conducted e-bidding for short term power purchase post expiry of this contract. As a result of the bidding process, MPL turned out to be the lowest bidder. Thus, JNPA executed the PPA with MPL for the period from 1 September 2024 till 31st August 2025 at an agreed rate of Rs. 6.30/kWh (explored through competitive bidding process). Further, PPA with MPL was expired on Consequently, the Commission also in its Order in Case no. 138 of 2024, dated 9th October 2024 approved Short-Term power procurement of 1.8 MW (RTC base load of 0.9 MW and additional peak power of 0.9 MW from 09:00 Hrs to 21:00 Hrs except Sunday and public holidays) through MPL till August 2024 at the agreed rate of Rs. 6.30/kWh. Since this is a new contract, the same has been considered under the category "New source/Exchange" in the FAC calculations.</p>			
		<p>*The monthly approved energy is worked out considering period of 12 months.</p>			

4.6 The Commission also notes that in the MYT Petition JNPA has submitted that there is no clear visibility of anticipated load of JNPA in FY 2023-24 and FY 2024-25. Accordingly, based on the estimated load, JNPA has submitted that it will purchase power on short term basis for FY 2023-24 and FY 2024-25 through competitive bidding and it shall approach the Commission for the adoption of tariff. JNPA had estimated the power purchase rate of Rs. 5.40/kWh for FY 2023-24 and FY 2024-25 based on the latest price discovered by M/s. Laxmipati Balaji Supply Chain Management Ltd. for the period February 2023 to January 2024. The Commission also



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notes that JNPA has envisaged procurement of its power requirement from conventional sources for meeting its Base Load and Peak Load requirement during FY 2023-24 and FY 2024-25.

5. Power Purchase Cost:

- 5.1 The Commission has scrutinised the detailed bills/invoices submitted for power purchase during the months of July 2024, August 2024 and September 2024 to verify the claim of JNPA regarding Average Power Purchase Cost (APPC). The Commission has verified the actual as well as approved Net Purchase (MUs), Variable Cost (Rs. /kWh), and Power Purchase Cost considered in FAC computation from the invoices and applicable MYT Order respectively.
- 5.2 The Power Purchase cost incurred during the months of July 2024, August 2024 and September 2024 is **Rs. 0.25 Crores, Rs. 0.23 Crores and Rs. 0.27 Crores**, respectively, which is significantly lower than the total approved monthly Power Purchase cost of **Rs. 0.67 Crores** by the Commission. This is on account of lower power sales and corresponding lower procurement of power.
- 5.3 **Power Procurement from Exchange/Other Peak Sources/New sources:** The rate of power purchase approved by the Commission in the MYT Order in Case No. 219 of 2022 from new short-term source is Rs. 5.40/kWh.
- 5.4 The PPA with MPL was valid till 30th June 2024. JNPA conducted e-bidding for Short-Term power purchase post-expiry of this contract. As a result of the bidding process, MPL turned out to be the lowest bidder. Thus, JNPA executed the PPA with MPL for the period from 1 September 2024 till 31st August 2024 at an agreed rate of Rs. 6.30/kWh (explored through competitive bidding process). Consequently, the Commission also in its Order in Case no. 138 of 2024, dated 9th October 2024 has approved Short-Term power procurement of 1.8 MW ((RTC base load of 0.9 MW and additional peak power of 0.9 MW from 09:00 Hrs to 21:00 Hrs except Sunday and public holidays) through MPL till August 2024 at the agreed rate of Rs. 6.30/kWh. Since this is a new contract, the same has been considered under the category “New source/Exchange” in the FAC calculations. The Commission notes that JNPA has sourced 0.43 MUs in the months of September 2024, as against its base load and peak load requirement from the available capacity of contracted source, i.e., MPL.
- 5.5 Further, JNPA has procured power from IEX power exchange through PTC India Ltd. in the months of July 2024 and August 2024 on account of unavailability of power source from contracted source (M/s MPL) as discussed above. JNPA has procured 0.48 MUs and 0.40 MUs of power from this source at an average rate of Rs. 4.62/kWh and Rs. 4.83/kWh during the months of July 2024 and August 2024. However, there is no purchase of power through exchange platform in the month of September 2024.
- 5.6 **Renewable Sources:** In the MYT Petition in Case No. 219 of 2022, considering the small quantum of RE power required, JNPA had proposed to purchase RECs in FY 2023-24 and FY 2024-25 to meet the RPO compliance requirements. Accordingly, JNPA was allowed to meet its RPO by purchasing RECs by the Commission. The amount of Rs. 0.03 Crores per month is allowed to JNPA for purchase of RECs. JNPA has purchased Nil RECs in the months of July



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2024, August 2024 and September 2024. By avoiding purchase of REC, JNPA has reduced power purchase cost for April 2024, May 2024 and March 2024 but created liability for future.

- 5.7 **DSM Pool:** JNPA has drawn 0.05 MUs, 0.09 MUs and 0.02 MUs from the DSM pool, in the months of July 2024, August 2024 and September 2024 respectively which is around 10.15%, 18.60% and 5.05% of the power purchased from M/s MPL. The Commission has also considered the average price of power in the DSM pool (Rs. 4.77/kWh, Rs. 3.14/kWh, and Rs. 2.16/kWh) as submitted by the Licensee for FAC computation along with the supporting documentation.
- 5.8 The Commission has noted that JNPA has followed Merit Order Dispatch for scheduling of power and all sources are scheduled according to SLDC instructions.
- 5.9 No sale of surplus power was done during the months of July 2024, August 2024 and September 2024.
- 5.10 **Approved Cost:** The details of the overall cost approved and actual for the months of July 2024, August 2024 and September 2024, as per MYT Order are as shown in the table given below:

Table 4: Approved and Actual Power Purchase Cost for JNPA

Source		Power Procured (MU)	Fixed Cost (Rs. Crore)	Fixed Cost (Rs./kWh)	Variable Cost (Rs. Crore)	Variable Cost (Rs./kWh)	Total Cost (Rs. Crore)	Total Cost (Rs./kWh)
New source*	Approved	1.18	-	-	0.64	5.40	0.64	5.40
	Actual (July 2024)	-	-	-	-	-	-	-
	Actual (August 2024)	-	-	-	-	-	-	-
	Actual (September 2024)	0.43	-	-	0.27	6.30	0.27	6.30
Power Exchange	Approved	-	-	-	-	-	-	-
	Actual (July 2024)	0.48	-	-	0.22	4.62	0.22	4.62
	Actual (August 2024)	0.40	-	-	0.20	4.83	0.20	4.83
	Actual (September 2024)	-	-	-	-	-	-	-
Solar & Non-Solar REC	Approved	-	-	-	0.03	-	0.03	-
	Actual (July 2024)	-	-	-	-	-	-	-
	Actual (August 2024)	-	-	-	-	-	-	-
	Actual (September 2024)	-	-	-	-	-	-	-
Power Exchange Trading Approval - SLDC Fees	Approved	-	-	-	-	-	-	-
	Actual (July 2024)	-	0.00	-	-	-	0.00	-
	Actual (August 2024)	-	0.00	-	-	-	0.00	-
	Actual (September 2024)	-	0.00	-	-	-	0.00	-
DSM Pool	Approved	-	-	-	-	-	-	-
	Actual (July 2024)	0.05	-	-	0.03	4.77	0.03	4.77
	Actual (August 2024)	0.09	-	-	0.03	3.14	0.03	3.14
	Actual (September 2024)	0.02	-	-	0.00	2.16	0.00	2.16
Total	Approved	1.18	-	-	0.67	5.65	0.67	5.65
	Actual (July 2024)	0.54	0.00	0.00	0.25	4.63	0.25	4.65
	Actual (August 2024)	0.50	0.00	0.00	0.22	4.52	0.23	4.53
	Actual (September 2024)	0.45	0.00	0.00	0.27	6.09	0.27	6.11



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**The PPA with Manikaran Power Ltd. (MPL) which was approved by the Commission in the case 153 of 2023 was expired on the 30th June 2024. Subsequently, JNPA conducted e-bidding for short term power purchase post expiry of this contract. As a result of the bidding process, MPL turned out to be the lowest bidder. Thus, JNPA executed the PPA with MPL for the period from 1 September 2024 till 31st August 2025 at an agreed rate of Rs. 6.30/kWh (explored through competitive bidding process). Further, PPA with MPL was expired on Consequently, the Commission also in its Order in Case no. 138 of 2024, dated 9th October 2024 approved Short-Term power procurement of 1.8 MW (RTC base load of 0.9 MW and additional peak power of 0.9 MW from 09:00 Hrs to 21:00 Hrs except Sunday and public holidays) through MPL till August 2024 at the agreed rate of Rs. 6.30/kWh. Since this is a new contract, the same has been considered under the category "New source/Exchange" in the FAC calculations.*

6. FAC on account of fuel and power purchase cost (F)

6.1 The Commission has worked out the average power purchase costs for the months of July 2024, August 2024, and September 2024 as shown in Table 4 above. The same has been compared with the average power purchase cost approved by the Commission in MYT Order dated 31st March 2023 in Case no. 219 of 2022 to arrive at the differential per unit rate at which Z_{FAC} is to be passed on to the consumers.

6.2 Thus, the table given shows the Z_{FAC} worked out by the Commission on account of difference in power purchase cost for the months of July 2024, August 2024, and September 2024.

Table 5: FAC on account of Power Purchase Cost

Sr. No.	Particulars	Units	July 2024	August 2024	September 2024
1	Average power purchase cost approved by the Commission	Rs. /kWh	5.65	5.65	5.65
2	Actual average power purchase cost	Rs. /kWh	4.65	4.53	6.11
3	Change in average power purchase cost (=2-1)	Rs. /kWh	(1.00)	(1.12)	0.46
4	Net Power Purchase	MU	0.54	0.50	0.45
5	Change in power purchase cost (=3 x 4/10)	Rs. Crore	(0.05)	(0.06)	0.02

7. Adjustment for over-recovery/under-recovery (B)

7.1 The adjustment factor for over-recovery / under-recovery (B) is as shown table given below:

Table 6: Adjustment for over-recovery/under-recovery

S. No.	Particulars	Units	July 2024	August 2024	September 2024
1.1	Incremental cost allowed to be recovered in Month n-4	Rs. Crore	0.06	0.01	-
1.2	Incremental cost in Month n-4 actually recovered in month n-2	Rs. Crore	0.05	0.03	-
1.3	(over-recovery)/under-recovery (=1.2 - 1.1)	Rs. Crore	0.01	(0.01)	-
2	Carried forward adjustment for over-recovery/under-recovery attributable to the application of ceiling limit for the previous month	Rs. Crore	0.00	-	-
3	Adjustment factor for over-recovery/under-recovery (1.3+2.0)	Rs. Crore	0.01	(0.01)	-

8. Carrying Cost for over recovery/under recovery (C)



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- 8.1 Carrying/Holding Cost for under recovery/over recovery has been granted at the approved interest rate for the eligible amount. The over-recovery works out to Rs. 0.0001 Crore in July 2024. However, Rs. 0.0001 Crore and Nil of under recovery has been observed for August 2024 and September 2024. The (over-recovery)/under-recovery including the adjustment from previous months' works out to Rs. 0.0001 Crore, Rs. (0.0001) Crore, and Nil for the months of July 2024, August 2024 and September 2024, respectively.
- 8.2 Holding cost for the month of July 2024 to September 2024 is calculated by considering the weighted average MCLR + 150 basis points for the respective months which turns out to be 10.30%, 10.40% and 10.45% for the months of July 2024, August 2024 and September 2024.
- 8.3 The Commission has computed the holding cost towards the amount under recovered in the month of July 2024 to September 2024 which is as shown in the table given below:

Table 7: Carrying/Holding Cost for (over)/under recovery

Particulars	Units	July 2024	August 2024	September 2024
Adjustment factor for over-recovery/under-recovery	Rs. Crore	0.01	(0.01)	-
Interest rate	%	10.30%	10.40%	10.45%
Carrying cost for over-recovery/under-recovery	Rs. Crore	0.0001	(0.0001)	-

9. Disallowance due to excess Distribution Loss

- 9.1 Regulation 10.8 of MYT Regulations, 2019 provides for FAC amount to be reduced in case the actual distribution loss for the month exceeds the approved distribution loss. The relevant extract is reproduced as follows.

“10.8 The total Z_{FAC} recoverable as per the formula specified above shall be recovered from the actual sales in terms of “Rupees per kilowatt-hour”:

Provided that, in case of unmetered consumers, the Z_{FAC} shall be recoverable based on estimated sales to such consumers, computed in accordance with such methodology as may be stipulated by the Commission:

Provided further that, where the actual annual sliding distribution losses of the Distribution Licensee exceed the level approved by the Commission, the amount of Z_{FAC} corresponding to the excess distribution losses (in kWh terms) shall be deducted from the total Z_{FAC} recoverable”

- 9.2 The following table given below provides the comparison of approved and actual distribution loss and disallowance due to excess distribution loss:



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Table 8: Disallowance of FAC due to Excess Distribution Loss

Sr. No.	Particulars	Units	Approved in Tariff Order	July, 2024	August, 2024	September, 2024
1	Net Energy Input at Distribution Voltages	MU	1.14	0.52	0.48	0.44
2	Energy sales at Distribution voltages	MU	1.00	0.46	0.43	0.39
3	Distribution Loss (1 - 2)	MU	0.14	0.06	0.06	0.04
4	Distribution Loss as % (3/1)	%	12.08%	11.59%	11.58%	10.26%
5	Actual Annual Sliding Distribution Losses (%)	%		7.64%	7.87%	8.05%
6	Excess Distribution Loss = [Actual Annual Sliding Distribution Loss (4) - Distribution loss approved] x Net Energy Input (1)	MU	-	-	-	-
7	Disallowance of FAC due to excess Distribution Loss	Rs. Crore	-	-	-	-

9.3 As seen from the above table, the distribution loss for the months of July 2024, August 2024 and September 2024 is 11.59%, 11.58% and 10.26%, respectively, which is lower than the distribution loss of 12.05% approved in the MYT Order.

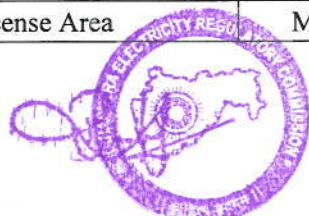
9.4 Further, as the annual sliding distribution loss in July 2024 (7.64%), August 2024 (7.87%), and September 2024 (8.05%) are also lower than the distribution loss of 12.05% approved in the MYT Order, there is no disallowance of FAC due to excess distribution loss in the months of July 2024, August 2024 and September 2024.

10. Summary of Allowable Z_{FAC}

10.1 The summary of the FAC amount as approved by the Commission for the months of July 2024, August 2024 and September 2024 is as shown in the table given Table 9 below.

Table 9: Summary of Allowable Z_{FAC}

Sr. No.	Particulars	Units	July, 2024	August, 2024	September, 2024
1	Calculation of Z_{FAC}				
1.1	Change in cost of generation and power purchase attributable to Sales within the License Area (F)	Rs. Crore	(0.054)	(0.056)	0.021
1.2	Carrying cost for over-recovery/under-recovery (C)	Rs. Crore	0.000	(0.000)	-
1.3	Adjustment factor for over-recovery/under-recovery (B)	Rs. Crore	0.010	(0.012)	-
1.4	$Z_{FAC} = F+C+B$	Rs. Crore	(0.044)	(0.068)	0.021
2	Calculation of Per Unit FAC				
2.1	Energy Sales within the License Area	MU	0.461	0.426	0.391



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Sr. No.	Particulars	Units	July, 2024	August, 2024	September, 2024
2.2	Excess Distribution Loss	MU	-	-	-
2.3	Z _{FAC} per kWh	Rs. /kWh	(0.950)	(1.598)	0.526
3	Allowable FAC				
3.1	FAC disallowed corresponding to excess Distribution Loss [(2.2 x 2.3)/10]	Rs. Crore	-	-	-
3.2	FAC allowable [1.4-3.1]	Rs. Crore	(0.044)	(0.068)	0.021
4	Utilization of FAC Fund				
4.1	Opening Balance of FAC Fund	Rs. Crore	-	(0.053)	(0.130)
4.1a	Holding Cost on FAC Fund	Rs. Crore	-	-	-
4.1b	Net Opening Balance of FAC Fund	Rs. Crore	-	(0.053)	(0.130)
4.2 a	Z _{FAC} for the month (Sr. No. 3.2)	Rs. Crore	(0.044)	(0.068)	0.021
4.2 b	Additional recovery @Rs. 0.20/kVAh	Rs. Crore	0.009	0.009	0.008
4.3	Closing Balance of FAC Fund	Rs. Crore	(0.053)	(0.130)	(0.117)
4.4	Z_{FAC} leviable/refundable to consumer	Rs. Crore	-	-	-
5	Total FAC based on category wise and slab wise allowed to be recovered in the billing month of September 2024, October 2024, and December 2024	Rs. Crore	-	-	-
6	Carried forward FAC for recovery during future period (4.4-5.0)	Rs. Crore	-	-	-

10.2 It can be seen from the above table that the standalone FAC for the months of July 2024, August 2024 and September 2024 is Rs. (0.044) Crore, Rs. (0.068) Crore, and Rs. 0.021 Crore respectively.

10.3 Further, in the MYT Order in Case No. 219 of 2022 JNPA was also directed to park the additional recovery of Rs. 0.20/ kVAh allowed by the Commission and subsumed in the energy charges, to be parked in the separate FAC fund and to be utilized to offset any additional power purchase cost over and above allowed to be recovered as part of FAC mechanism to avoid tariff shock to consumers in future.

10.4 This has also generated revenue of Rs. 0.009 Crore, Rs. 0.009 Crore, and Rs. 0.008 Crore for the FAC fund for the months of July 2024, August 2024 and September 2024 which needs to be accumulated in FAC stabilization fund.

10.5 The relevant portion of the MYT Order dated 31 March 2023 in Case No. 219 of 2022 is as under:

"5.4.78 Distribution Licensee shall undertake computation of monthly FAC as per Regulation 10 of the MYT Regulations, 2019 except for treatment to be given to negative FAC as follows:

- i. Negative FAC amount shall be carried forward to the next FAC billing cycle with holding cost.*
- ii. Such carried forward negative FAC shall be adjusted against FAC amount for the next month and balance negative amount shall be carried forward to subsequent month with*



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holding cost.

- iii. *Such carry forward of negative FAC shall be continued till next tariff determination process.*
- iv. *In case such FAC Fund is yet to be generated or such generated fund is not sufficient to adjust against FAC computed for given month, then Distribution Licensee can levy such amount to the consumers through FAC mechanism.*

5.4.79 In order to maintain transparency in management and use of such FAC Fund, Distribution Licensee shall maintain monthly account of such FAC fund and upload it on its website for information of stakeholders. Such details shall also be submitted to the Commission on quarterly basis along with proposal for post facto vetting of FAC.”

10.6 Considering the above, the FAC leviable and to be recovered from the consumers is Nil for the months of July 2024, August 2024 and September 2024.

11. Recovery from Consumers:

11.1 Regulation 10.9 of MERC MYT Regulations, 2019 provides for methodology of recovery of FAC charge from each category of consumers. The relevant extract is reproduced as below.

“10.9 The Z_{FAC} per kWh for a particular Tariff category/sub-category/consumption slab shall be computed as per the following formula: —

$$Z_{FAC\ Cat} (Rs/kWh) = [Z_{FAC} / (\text{Metered sales} + \text{Unmetered consumption estimates} + \text{Excess distribution losses})] * k * 10,$$

Where:

$Z_{FAC\ Cat}$ = Z_{FAC} component for a particular Tariff category/sub-category/consumption slab in 'Rupees per kWh' terms;

k = Average Billing Rate / ACOS;

Average Billing Rate = Average Billing Rate for a particular Tariff category/sub-category/consumption slab under consideration in 'Rupees per kWh' as approved by the Commission in the Tariff Order:

Provided that the Average Billing Rate for the unmetered consumers shall be based on the estimated sales to such consumers, computed in accordance with such methodology as may be stipulated by the Commission:

ACOS = Average Cost of Supply in 'Rupees per kWh' as approved for recovery by the Commission in the Tariff Order:

Provided that the monthly Z_{FAC} shall not exceed 20% of the variable component of Tariff or such other ceiling as may be stipulated by the Commission from time to time:



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Provided further that any under-recovery in the Z_{FAC} on account of such ceiling shall be carried forward and shall be recovered by the Distribution Licensee over such future period as may be directed by the Commission....”

- 11.2 Since the FAC for the months of July 2024, August 2024 and September 2024 is negative, there is no recovery allowed from the consumer.
- 11.3 Accordingly, the Commission allows JNPA to carry forwards an amount of Rs. (0.053) Crore, Rs. (0.130) Crore and Rs. (0.117) Crore in the months of July 2024, August 2024 and September 2024 to be accumulated in FAC stabilization fund along with applicable holding cost.



