

33. Forecasting, Scheduling, Deviation Settlement and Related Matters of Solar Electricity Supply Code (Fourth Amendment) Regulations, 2016
34. Electricity Supply Code (Fourth Amendment) Regulations, 2016
35. Metering for Grid Connected Renewable Energy, Regulations, 2016
Statement of Reasons
36. Electricity Supply Code (Second Amendment) Regulations, 2015
37. Electricity Supply Code (Fifth Amendment) Regulations, 2016
38. Electricity Supply Code (Sixth Amendment) Regulations, 2016
39. Metering for Grid Connected Renewable Energy (First Amendment), Regulations, 2016
40. Consumer Grievance Redressal, Regulations, 2016
41. Electricity Supply Code (Seventh Amendment) Regulations, 2016
42. Electricity Supply Code (Eighth Amendment) Regulations, 2017
43. Adaptation of Central Electricity Regulatory Commission (CERC), Renewable Energy, Regulations, 2014
44. Electricity Supply Code (Ninth Amendment) Regulations, 2017
45. State Advisory Committee & Its Functions, Regulations, 2018
(First Amendment)
46. Electricity Supply Code (Tenth Amendment) Regulations, 2018
47. Multi Year Tariff (First Amendment) Regulations, 2019
48. Electricity Supply Code (Eleventh Amendment) Regulations, 2019
49. Electricity Supply Code (Twelfth Amendment) Regulations, 2019
50. Electricity Supply Code (Thirteenth Amendment) Regulations, 2019
51. Joint Electricity Regulatory Commission for Manipur and Mizoram (Fees, Fines and Charges) (Second Amendment) Regulations, 2020
52. Joint Electricity Regulatory Commission for Manipur & Mizoram (Recruitment, Control and Service condition of Officers and Staff) (First Amendment) Regulation, 2021.



**JOINT ELECTRICITY REGULATORY COMMISSION
FOR
MANIPUR AND MIZORAM**

14th ANNUAL REPORT

2021-2022



18. Compliance Audit, Regulations, 2010,
19. Terms & Conditions for Determination of Tariff, Regulations, 2010
Appendix-A-Thermal,
Appendix-B-Hydro,
Appendix-C-Transmission,
Appendix-D-Distribution,
20. Electricity Ombudsman (First Amendment) Regulations, 2010
21. Grid Code, Regulations, 2010
22. Power Purchase and Procurement, Regulations, 2012
23. Demand Side Management, Regulations, 2012
24. Electricity Supply Code, Regulations, 2013
25. Standard of Performance for Distribution and Transmission Licensees, Regulations, 2014
26. Multi Year Tariff, Regulations, 2014
Appendix-A (Format) Generation Business
Appendix-B (Format) Distribution - Income Tax C.
Appendix-C (Formats) Distribution - Total Business.
Appendix-D (Formats) Distribution - Wheeling Business.
Appendix-E (Formats) Distribution - Retail Supply Business.
27. Grid Code (First Amendment) Regulations, 2014
28. Terms & Conditions for Tariff Determination from Renewable Energy Sources
(First Amendment) Regulations, 2014
29. Electricity Supply Code (First Amendment) Regulations, 2014
30. Electricity Supply Code (Second Amendment) Regulations, 2015
31. Electricity Supply Code (Third Amendment) Regulations, 2016
32. Fees, Fines and Charges (First Amendment) Regulations, 2016
Statement of Reasons (SoR).

NOTIFIED REGULATIONS

1. Adaptation of Law & Order, Regulations, 2008
 - (i) Confidential Report, 2nd Order, 2008,
 - (ii) Disiplinary Proceeding & Important of Penalties, 1st Order, 2008,
 - (iii) Medical Facility, 3rd Order, 2008,
2. Recruitment Control & Services Condition Officers & Staffs, Regulations, 2008,
3. Appointment of Consultants, Regulations, 2009.
4. Standard of Performance for Distribution and Transmission Licensees, Regulations, 2010
5. Procedure Terms & Conditions for Grant of Distribution Licence and other Related Matters, Regulations, 2010,
6. Consumer Grievance Redresal, Regulations, 2010,
7. Terms & Conditions for Tariff Determination from Renewable Energy Sources, Regulations, 2010.
8. Renewable Purchase Obligation and its Compliance, Regulations, 2010.
9. Conduct of Business, Regulations, 2010.
10. Citizens Charter, Regulations, 2010.
11. Electricity Ombudsman, Regulation, 2010.
12. Constitution of SAC & Its Functions, Regulations, 2010.
13. Procedure, Terms & Condition for Grant of Intra-State Trading License & Other Related Matter, Regulations, 2010,
14. Terms & Conditions for open Access, Regulations, 2010,
15. Fees, Fine and Charges, Regulations, 2010,
16. Procedure, Terms & Conditions for Payment of Fees and Charges to State Load Despatch Centre and Other Related Provisions, Regulations, 2010,
17. Electricity Supply Code, Regulations, 2010

FOREWORD



It is a great privilege and with nostalgic thoughts that I am presented with the opportunity to present the 14th Annual Report of the Joint Electricity Regulatory Commission for the states of Manipur and Mizoram covering the period from 1st April 2021 to 31st March 2022.

The major period under report was under the Chairpersonship of Mr. Lalchharliana Pachuau, Member representing the state of Mizoram, who had passed away untimely on 9th May 2023. As he (may his soul rest in peace) was not able to write the foreword, the burden has to be taken up by me in his absence. I shall be doing so with sorrow and remembrance of the departed soul and shall cherish the time I spent with him and the immense knowledge on the specialized field he shared with me.

This Annual Report for 2021-22 is prepared for laying in the Legislative Assembly of State of Manipur and also in the Legislative Assembly of State of Mizoram.

Every year, the Commission holds State Advisory Committee (SAC) and Public Hearing for the Tariff proposal from the concerned utilities. SAC for Manipur was held on 15th April 2021 and SAC for P&ED (Mizoram) was held on 18th February 2021. The Tariff Public Hearing for P&ED (Mizoram) was held on 19th March 2021, and the Tariff Public Hearing for Manipur State Power Company Limited (MSPCL) and Manipur State Power Distribution Company Limited (MSPDCL) were held on 16th April 2021 respectively.

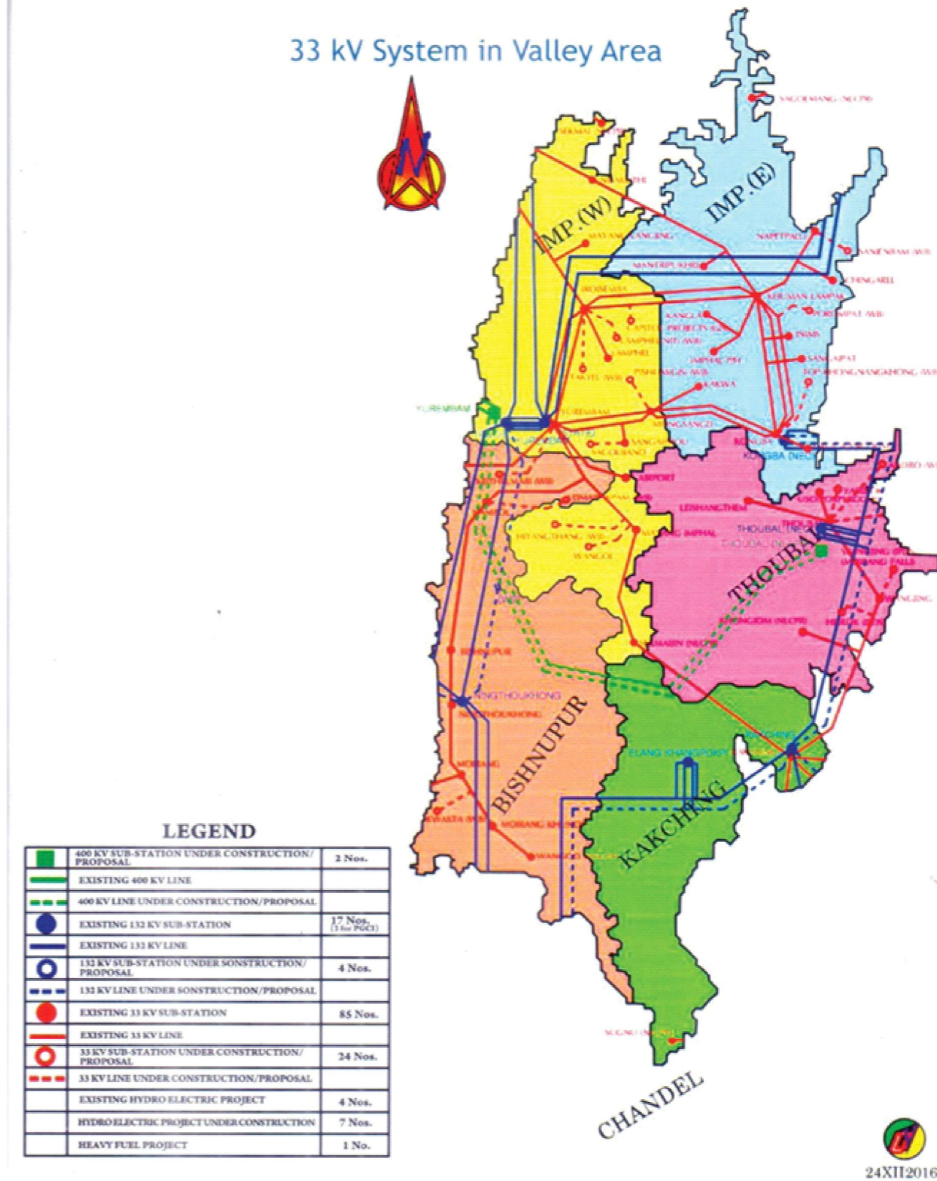
Thereafter the Joint Electricity Regulatory Commission for the states of Manipur and Mizoram approves the Aggregate Revenue Requirement (ARR) Tariff Orders of Transmission tariff in respect of MSPCL and Retail Tariff of MSPDCL and P&ED Mizoram were issued accordingly.


R. THANGA
CHAIRPERSON



PROFILES OF MEMBERS

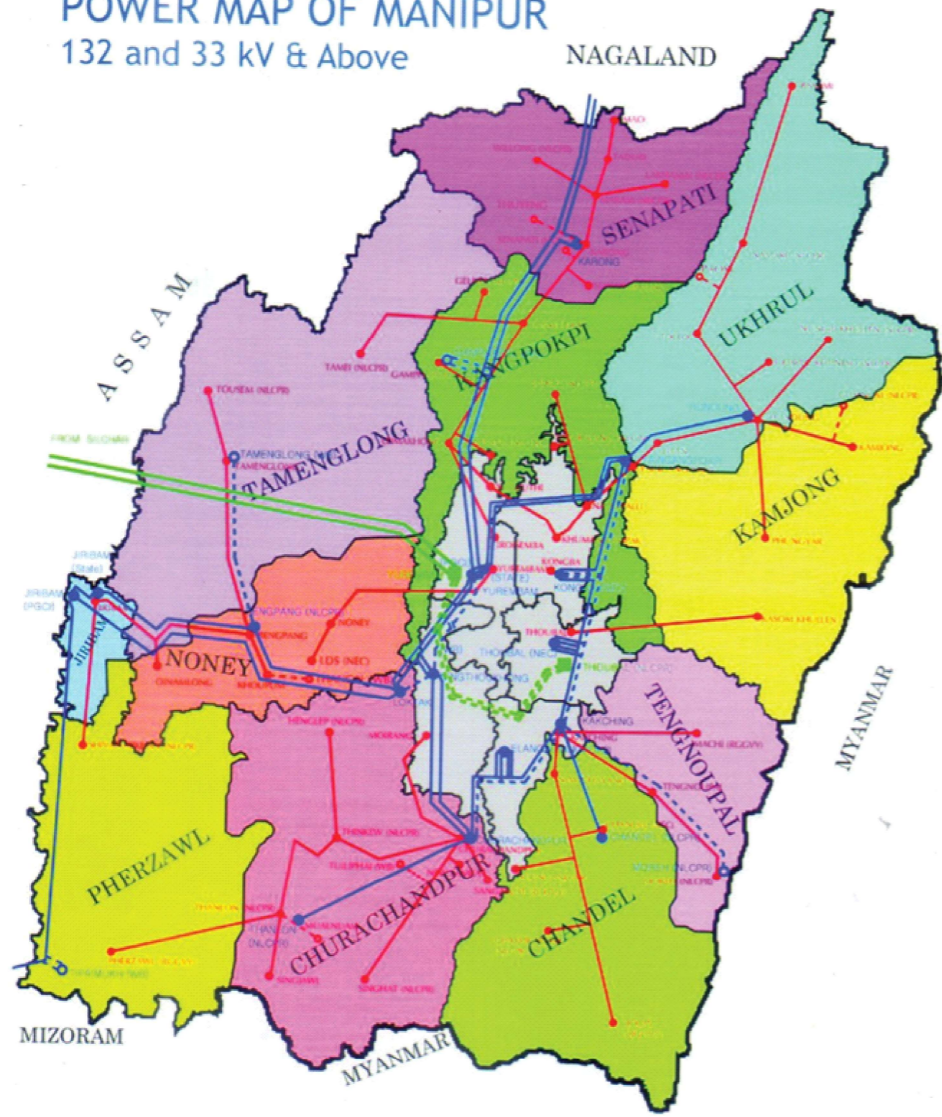
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Annexure

POWER MAP OF MANIPUR

132 and 33 kV & Above



Mr. Lalchharliana Pachuau
Member Representing State of Mizoram
(4th July 2013 continuing)

Mr. Lalchharliana Pachuau is the 4th Member Representing the state of Mizoram in the Joint Electricity Regulatory Commission for the states of Manipur and Mizoram.

After finishing his P.U studies at Pachhunga University, In 1978 he finished his B.E.E studies at Jadhavpur University in Electrical Engineering. In 1983 he got the post of Assistant Engineer at the Power and Electricity Department under the Government of Mizoram, then after promotion in 1984 he was appointed to the post of SDO in Public Works Department under the Government of Mizoram.

In 1986 after getting promoted he was given the position of Superintending Engineer. In 1993 he was worked at the Serlui B Hydel Project at the Electric Construction for three years, after that, in 2012 he was appointed to the post of Director at Zoram Energy Development Agency (ZEDA).

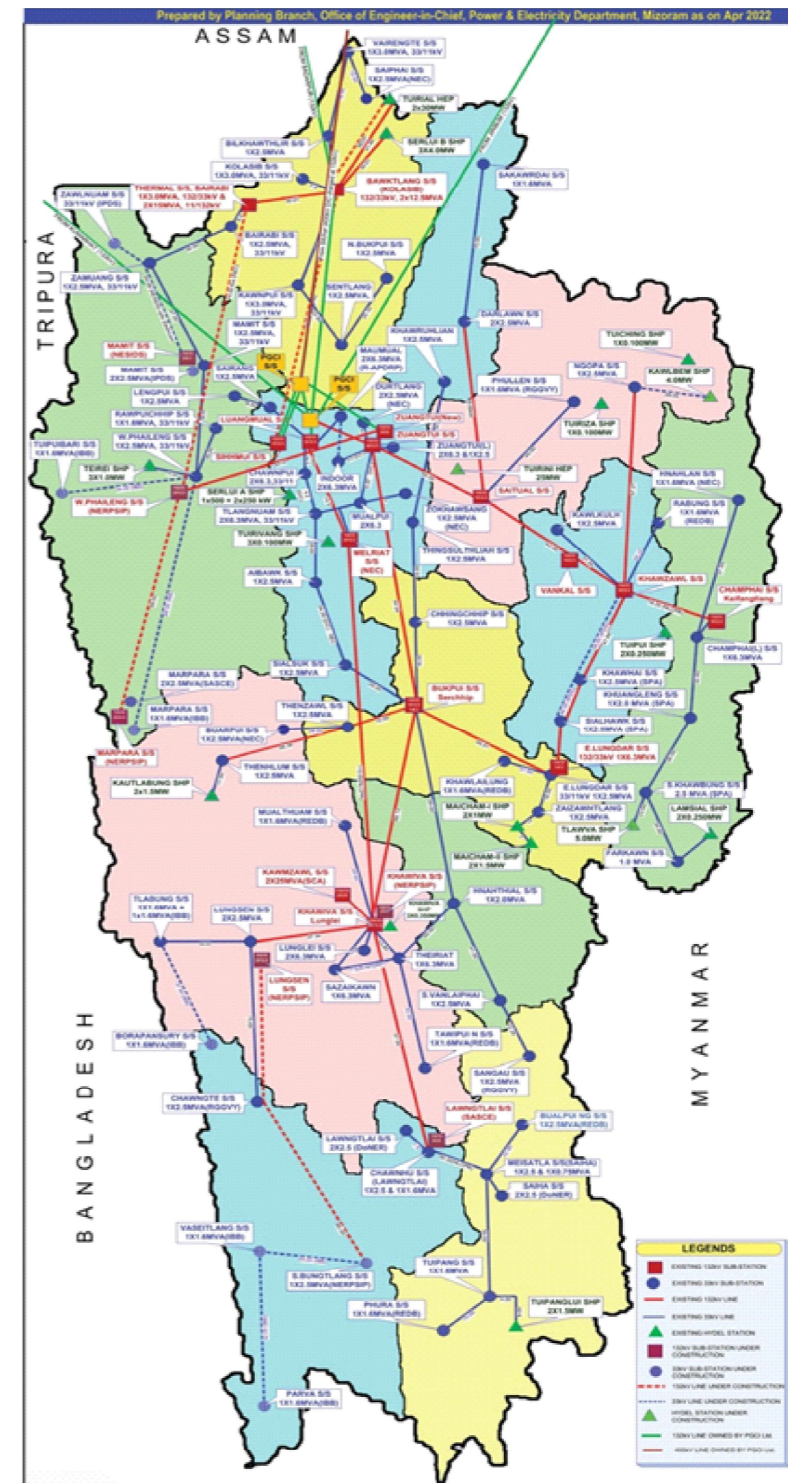
On 4th July 2013 he was appointed as Chief (Engineering) at Joint Electricity Regulatory Commission for the states of Manipur and Mizoram.

On 24th January 2019 he was appointed by Ministry of Power, Government of India to be Member Representing the state of Mizoram in the Joint Electricity Regulatory Commission for the states of Manipur and Mizoram, in the same year he was appointed as the Chairperson of Joint Electricity Regulatory Commission for the states of Manipur and Mizoram. He left for his heavenly abode untimely on 9th May, 2023.

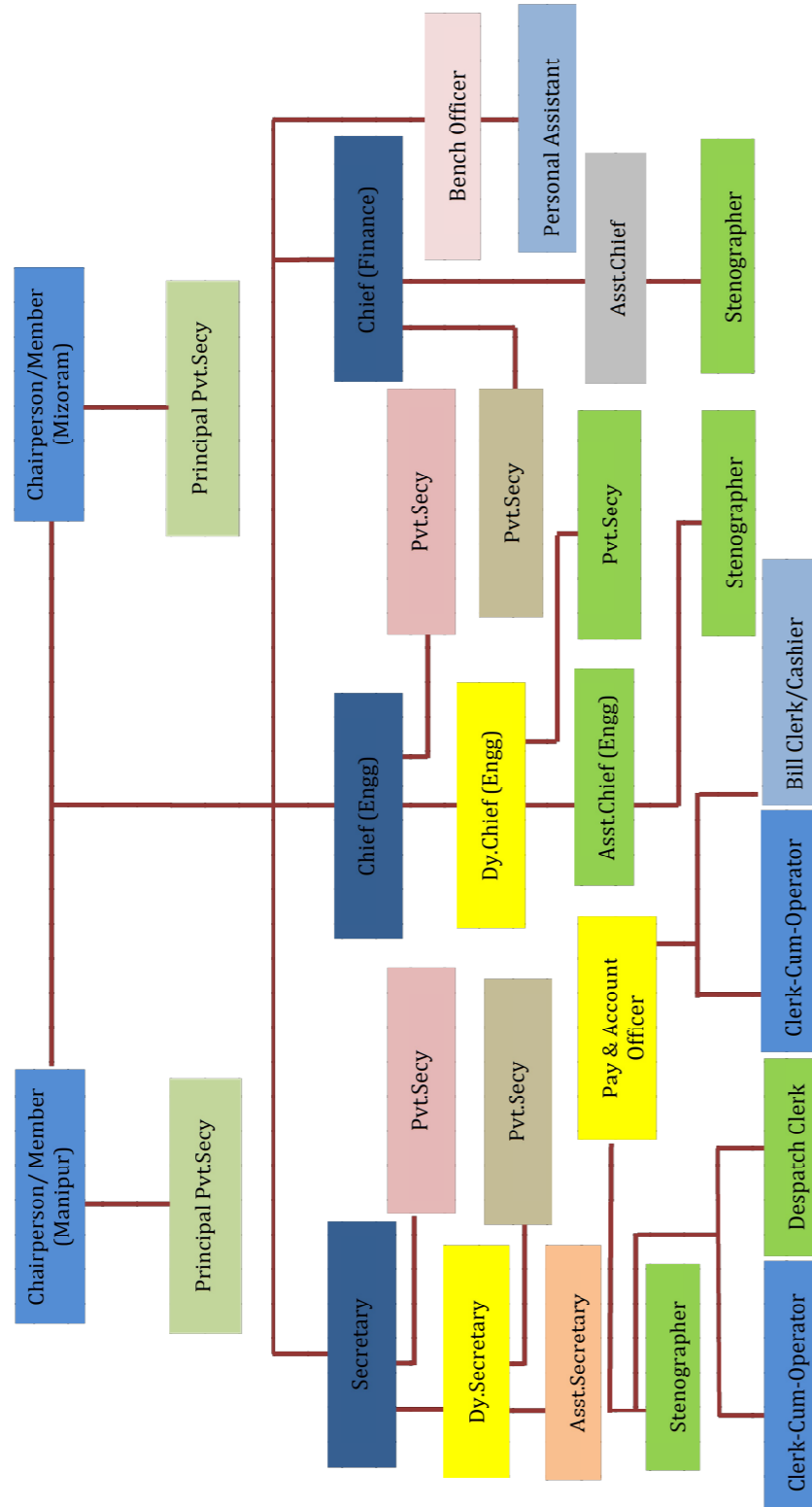


Annexure

POWER MAP OF MIZORAM



Annexure
ORGANISATION CHART OF
JOINT ELECTRICITY REGULATORY COMMISSION FOR MANIPUR AND MIZORAM



Shri R.THANGA
Member representing State of Manipur
(19th January, 2022- continuing)

Shri R.Thanga Member (Law) of the Joint Electricity Regulatory Commission representing the State of Manipur is the first Member (Law) in the JERC for Manipur & Mizoram.

Section 84(1) of the Electricity Act, inter-alia, states that the Chairperson and the Members of the State Commission shall be persons of ability, integrity and standing who have adequate knowledge of, and have shown capacity in, dealing with problems relating to engineering, finance, commerce, economics, law or management.

Hon'ble Supreme Court pronounced judgement on 12.4.2018 in the Civil Appeal No. 14697 of 2015 – State of Gujarat & Others vs. Utility User's Welfare Association & Others. As per the above judgment of the Hon'ble Supreme Court, a person of law as a Member of the Commission, shall be a person, who is, or has been holding a judicial office or is a person possessing professional qualifications with substantial experience in the practice of law, who has the requisite qualifications to have been appointed as a Judge of the High Court or a District Judge.

As per the above Section 84(1) of the Electricity Act, 2003 and the Hon'ble Supreme Court Judgment, Mr. R.Thanga has been appointed as the fifth Member (representing the States of Manipur) of the Joint Electricity Regulatory Commission for the states of Manipur & Mizoram and sworn in on 19th January, 2022.

Memorandum of Agreement among the Government of India and the Governments of Manipur and Mizoram agreed that the Chairperson shall be appointed from among the Members by rotation for tenure of one year. The Member selected for the State of Manipur will be first Chairperson of the Joint Commission. As per this MoA, Mr. R.Thanga has been appointed as Chairperson of the Joint Commission on 24th January, 2022.

After graduation in Bachelor of Commerce from Gauhati University, he has passed LLB from Delhi University and enrolled under Bar Council of Assam, Nagaland etc.

Prior to joining this assignment, he was appointed as SDM(J) in July 1988 and then appointed as Assistant Registrar, Gauhati High Court, Aizawl Bench and joined on 11.9.1990 and promoted to Deputy Registrar on 26-11.1990 and promoted to Registrar on 12-1-1999. On 14-3-2014, he was transferred and appointed as District Judge, Aizawl Judicial District, Aizawl and upgraded to Super-time Scale on 25.3.2014.

He was also serving the Government of Mizoram on deputation as Secretary, Department of Law & Judicial, Government of Mizoram.

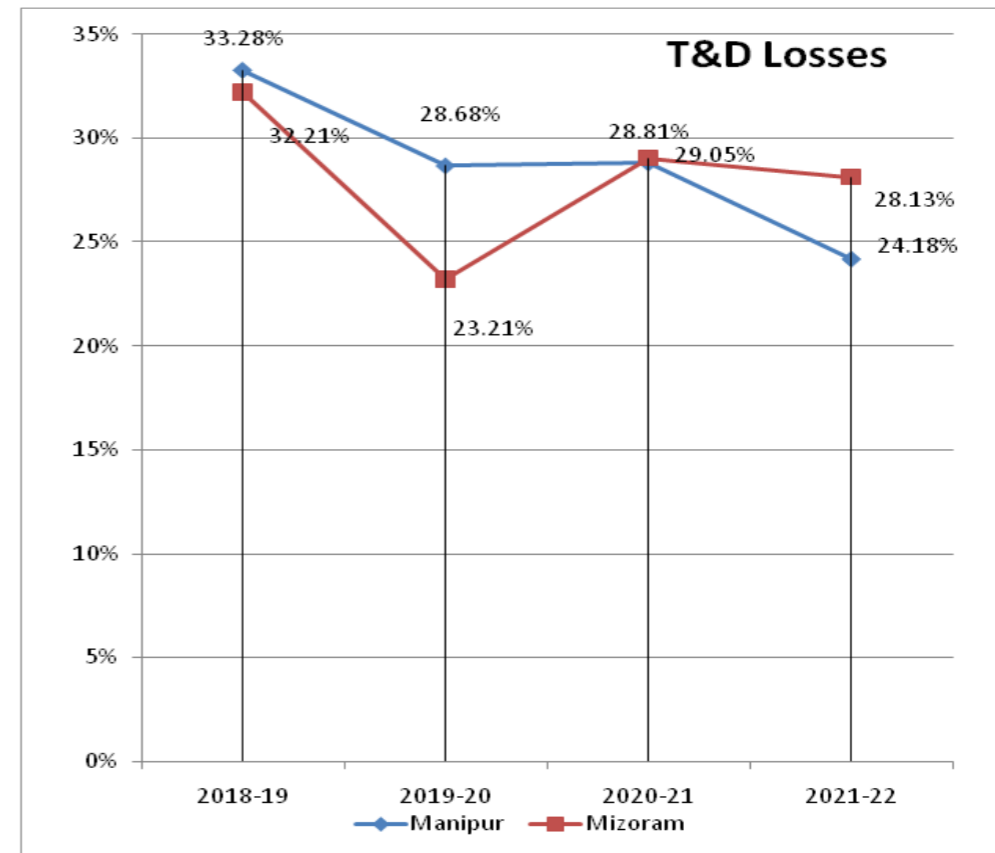
After serving the Government of Mizoram as District & Session Judge, Lunglei Judicial District in the year 2016 and then retired on superannuation as District Sessions Judge, Aizawl Judicial District on 30-06-2020.

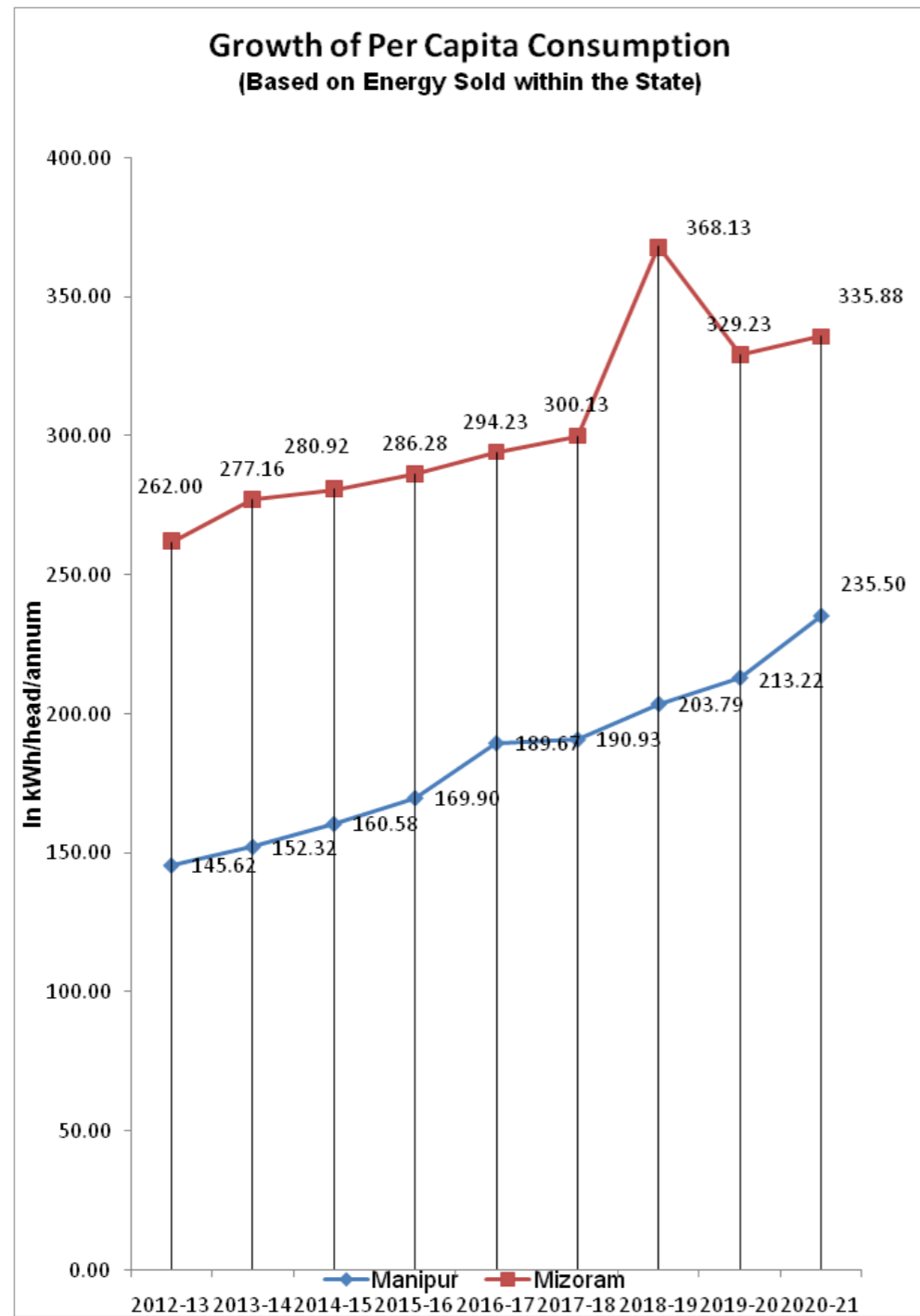
On account of his innovative mind and work experiences during service, he was appointed as Chairman, Mizoram Pollution Control Board; President, Aizawl District Consumer Disputes Redressal Commission in the year 2021 after retirement on superannuation, and then serves the Joint Commission on 19.1.2022.

Table-IV: Trend of Transmission & Distribution Losses (MU)

Sl.No.	Particulars	2018-19	2019-20	2020-21	2021-22
1	2	3	4	5	6
A. Manipur					
1	Energy import at State periphery	894.76	909.99	971.66	1026.46
2	Energy sold within the State	596.95	649.03	691.73	778.26
3	T&D Losses	297.81	260.96	279.93	248.20
4	Percentage T&D Losses	33.28%	28.68%	28.81%	24.18%
B. Mizoram					
1	Energy import at State periphery	571.98	633.41	627.06	645.99
2	Energy sold within the State	387.74	486.42	444.93	464.27
3	T&D Losses	184.24	146.99	182.13	181.72
4	Percentage T&D Losses	32.21%	23.21%	29.05%	28.13%

Source: Tariff Orders





CONTENTS

Chapter I

INTRODUCTION

1. The Commission 11
2. The Mission 11
3. Mandate of the Commission 12
4. Annual Report 13
5. The Commission & the Utilities 14
6. Organization & Staff Strength ... 14
7. Commission's Office 14

Chapter-II

ACTIVITIES OF THE COMMISSION

1. Constitution of the State Advisory Committee 15
2. State Advisory Committee Meetings 16
3. State Co-Ordination Forum & Its Activities 19
4. Tariff Orders 20
5. Membership of the Forum of Regulators Forum of Indian Regulators and Forum of Regulators for Eastern And North Eastern State 20
6. Establishment of Commission Fund 20
7. Regulatory Disputes 21
8. Consumer Grievance Redressal Forum (CGRF) 21
9. Electricity Ombudsman 22
10. Activities of the Commission ... 22
11. Legal Information 23

12. District Electricity Committee 23
13. State Load Despatch Centre to Function As Independent System Operation (ISO) 24

Chapter-III

1. Human Resource Development 25
2. Accounts of the Commission 25
3. Regulation 26

Chapter-IV

BASICELECTRICITYSTATISTICS

1. Category wise Consumers and Connected load 27
2. Growth of Energy Consumption 29
3. Growth of Per Capita Consumption of Electricity 31
4. Trend of Transmission & Distribution Losses..... 33

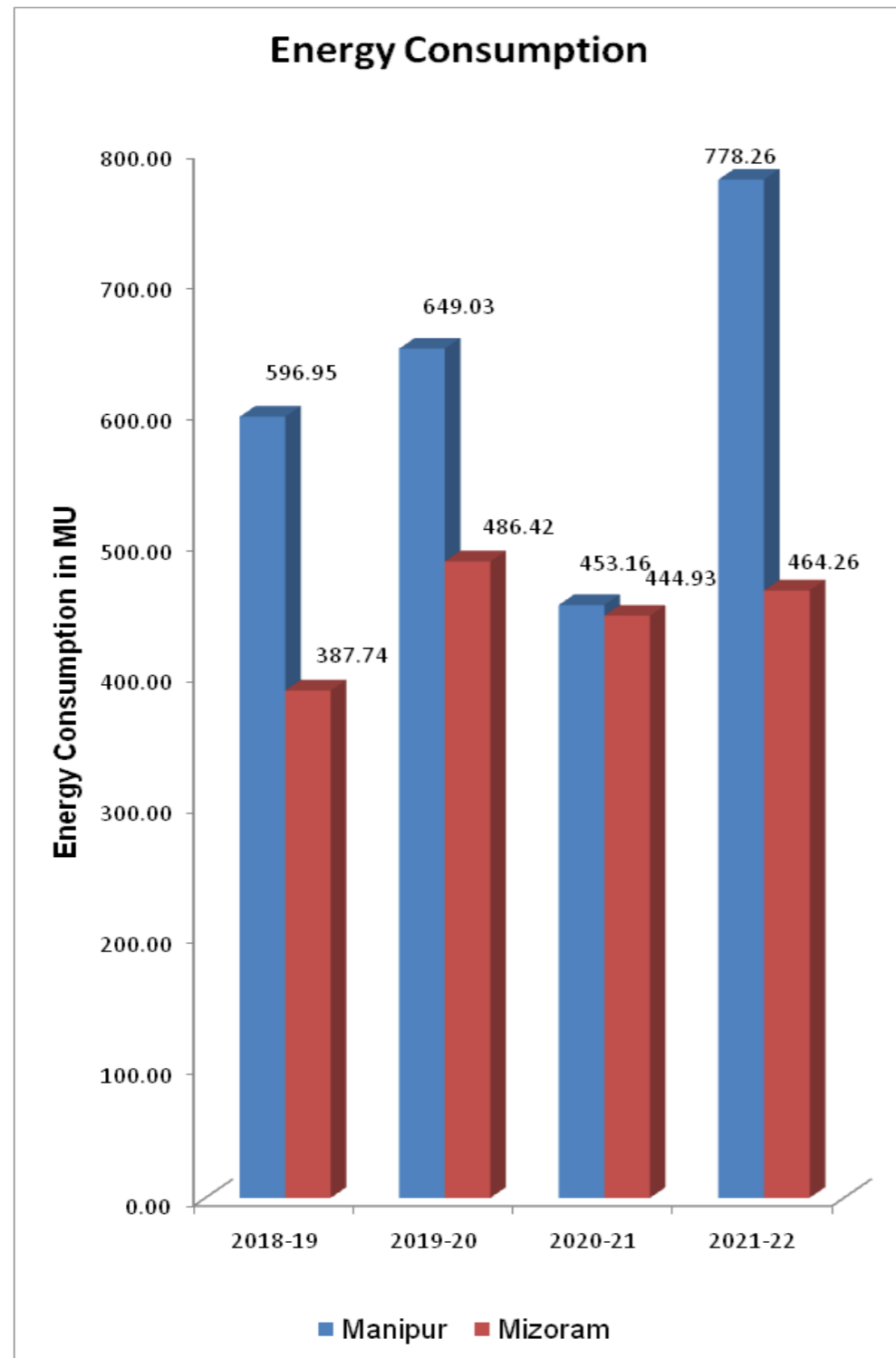
ANNEXURES

1. Organisation chart of JERC from M&M 34
2. Power Map of Mizoram 35
3. Power Map of Manipur 36
4. Notified Regulations 38



**Table-III: Growth of Per Capita Consumption of Electricity
(based on energy sold)**

Sl.No.	Year	Population at the end of FY (No.)	Mid-Year Population (No.)	Energy consumption (MU)	Per Capita Consumption (kWh/head/annum)
1	2	3	4	5	6
A. Manipur					
1	2012-13	2824224	2798371	379.06	135.46
2	2013-14	2876896	2850560	415.09	145.62
3	2014-15	2930550	2903723	442.30	152.32
4	2015-16	2985205	2957878	474.98	160.58
5	2016-17	3040879	3013042	511.92	169.90
6	2017-18	3097591	3069235	582.14	189.67
7	2018-19	3155361	3126476	596.95	190.93
8	2019-20	3214208	3184785	649.03	203.79
9	2020-21	3274153	3244181	691.72	213.22
10	2021-22	3335216	3304685	778.26	235.50
<i>Note: Population is worked out based on Decadal growth rate of 18.65% as per Census 2011.</i>					
B. Mizoram					
1	2012-13	1141286	1128577	286.59	253.94
2	2013-14	1167284	1154285	302.42	262.00
3	2014-15	1193875	1180580	327.21	277.16
4	2015-16	1221071	1207473	339.20	280.92
5	2016-17	1248887	1234979	353.55	286.28
6	2017-18	1277337	1263112	371.65	294.23
7	2018-19	1306435	1291886	387.74	300.13
8	2019-20	1336196	1321316	486.42	368.13
9	2020-21	1366635	1351416	444.93	329.23
10	2021-22	1397767	1382201	464.26	335.88
<i>Note: Population is worked out based on Decadal growth rate of 22.78% as per Census 2011.</i>					



CHAPTER-I

INTRODUCTION

1. THE COMMISSION

The State Electricity Regulatory Commission is a mandatory requirement for every State as per Sections 82 and 83 of the Electricity Act, 2003. However, the States of Manipur & Mizoram accepted the advice of the Ministry of Power, Govt. of India on the constitution of a Joint Electricity Regulatory Commission from the points of view of financial implications and opted for it when the Government of India generously agreed to bear entire expenditure (excluding that of office accommodation) of the Joint Commission for the first five years. A Memorandum of agreement to this effect was signed on 23rd July, 2004 among the Government of India and the State Governments of Manipur and Mizoram.

As per the terms and conditions of the Agreement, Notification was issued by the Government of India vide Ministry of Power letter No. F. 23/2002-R&R dated 18th January, 2005 constituting the Joint Electricity Regulatory Commission for the States of Manipur & Mizoram. The Commission, having two members one from each State, came into its existence with effect from 24th January, 2008.

The Commission functions in a quasi-judicial norm. It has the powers of Civil Court. It consists of a Chairperson and one full time Member. In recognition of the need for a multi-disciplinary approach while addressing issues related to independent regulation, the Act prescribes that the Chairperson and Member shall be persons having adequate knowledge and experience in Engineering, Law, Economics, Commerce, Finance or Management. It also prescribes a broad mix of disciplines to be represented in the Commission. The Chairperson and Member are appointed by the Government of India on the recommendation of a Selection Committee constituted by the Central Government as prescribed under the Electricity Act, 2003.

2. THE MISSION

The Joint Electricity Regulatory Commission for Manipur & Mizoram, is committed to honour and translate into reality its own pledge as assigned by the Electricity Act, 2003 that the Power Sector in the States of Manipur and Mizoram shall be developed as an Industry which is efficient, commercially and financially self-sustained and consumer friendly. The Commission also determines to strike a balance of interests of

all the stake holders while fulfilling its primary responsibility to ensure supply of reliable power to the Consumers of these two States at reasonable and affordable rates and further an ceofre forms in the sector.

In discharge of its functions, the Commission is guided by the principle of good governance and decisions of Government of India laid down in National Electricity Policy 2005, National Electricity Plan 2004 and Tariff Policy 2016. It also safeguards the interests of the States and protects the consumers as well. The Joint Electricity Regulatory Commission for Manipur and Mizoram have been assigned to ensure speedy implementation of there form process of the electricity sector in the States of Manipur and Mizoram.

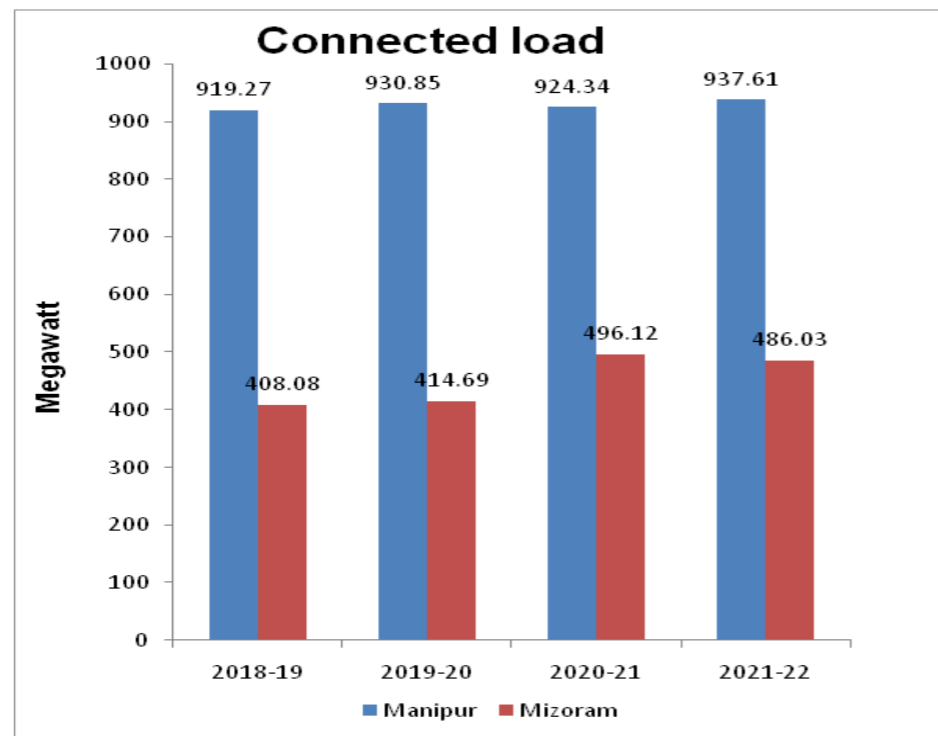
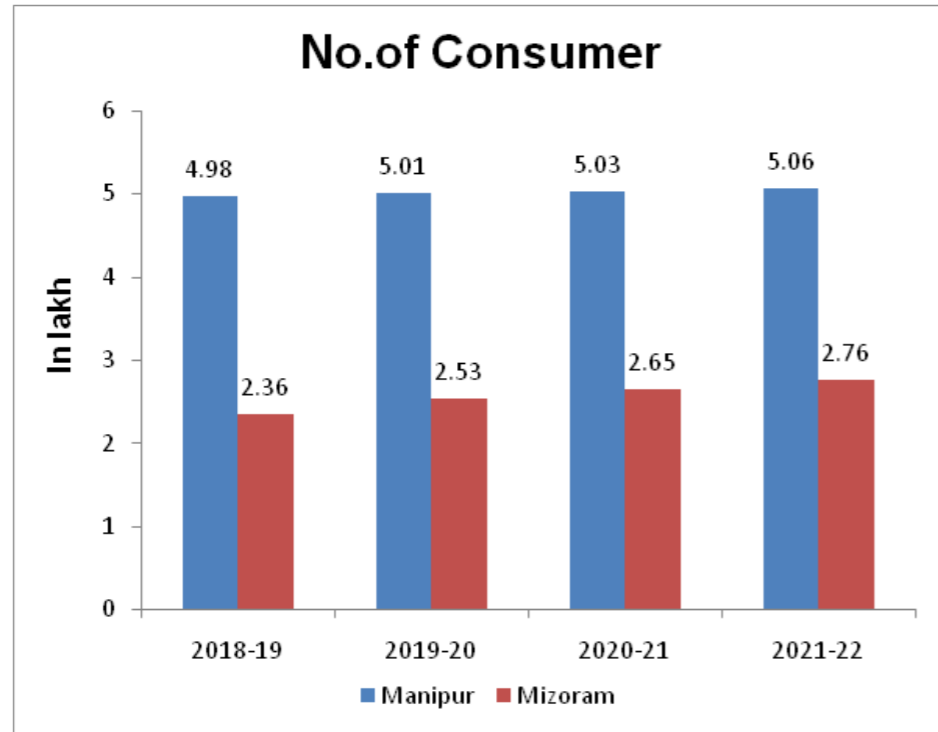
3. MANDATE OF THE COMMISSION

- 1) **Section 86** of the Electricity Act, 2003 elaborates the function of the State Commission. as per Section 86(1), the State Commission shall discharge the following functions, namely:
- Determine the tariff for generation, supply, transmission and wheeling of electricity, wholesale, bulk or retail, as the case maybe, within the States of Manipur and Mizoram.
 - Regulate electricity purchase and procurement process of distribution licenses including the price on which electricity shall be procured from the generating companies or licensees or from other sources through agreements for purchase of power for distribution and supply within the State;
 - Facilitate in tra-state transmission and wheeling of electricity;
 - Issue licences to persons seeking to act as transmission licensees, distribution licensees and electricity traders with respect to their operations within the State;
 - Promote co-generation and generation of electricity from renewable sources of energy by providing suitable measures for connectivity with the grid and sale of electricity to any person and also specify, for purchase of electricity from such sources, a percentage of the total consumption of electricity in the area of distribution licensee;
 - Adjudicate upon the dispute between the licensees and generating companies and to refer any dispute for arbitration;
 - Levy fee for the purposes of this Act;
 - Specify State Grid Code consistent with the Grid Code specified under clause (h) of sub-section (10) of Section 79;

Table-II: Growth of Energy Consumption

		Figures in MU			
Sl.No.	Category	2018-19 (Actual)	2019-20 (Actual)	2020-21 (Actual)	2021-22 (Actual)
1	2	3	4	5	6
A. Manipur					
1	Domestic	385.76	418.57	453.16	527.99
2	Commercial	74.84	82.41	83.44	87.26
3	Public Lighting	3.62	3.58	3.62	4.12
4	Public Water Works	21.54	22.56	23.64	26.97
5	Irrigation and Agriculture	1.88	1.86	1.88	2.03
6	Small Industry	19.68	21	21.63	20.77
7	Medium Industry	3.99	4.23	4.36	4.18
8	Large Industry	7.43	8.79	9.67	8.69
9	Bulk Supply	78.21	86.03	90.33	96.25
10	Temporary Power Supply	0	0	0	0
	Total(A)	596.95	649.03	691.73	778.26
B. Mizoram					
1	Domestic	227.97	296.33	283.44	285.87
2	Non-domestic		9.56	8.45	21.52
3	Commercial	61.04	48.30	44.27	47.89
4	Public Lighting	2.67	2.11	2.11	2.35
5	Public Water Works	68.57	64.29	82.45	80.54
6	Irrigation and Agriculture	0.22	0.14	0.16	0.14
7	Industrial(LT)	3.41	2.96	4.06	2.54
8	Industrial(HT)	10.94	7.96	5.54	7.04
9	Bulk Supply	12.69	54.44	13.92	16.37
10	Temporary Power Supply	0.23	0.33	0.53	0.00
	Total(B)	387.74	486.42	444.93	464.26

Source: Tariff Orders



- i) Specify or enforce standards with respect to quality, continuity and reliability of service by licensees;
 - j) Fix the trading margin in the intra-State trading of electricity; if considered, necessary; and
 - k) Discharge such other functions as may be assigned to it under the Electricity Act, 2003.
- 2) As per Section 86 (2) of the Electricity act, 2003, the State Commission shall advise the State Government on all or any of the following matters, namely:
 - a) Promotion of competition, efficiency and economy in activities of the electricity industry;
 - b) Promotion of investment in electricity industry;
 - c) Re-organization and restructuring of electricity industry in the State; and
 - d) Matters concerning generation, transmission, distribution and trading of electricity or any other matter referred to the State Commission by that Government.
 - 3) As per Section 86(3) of the Act, the State Commission shall ensure transparency while exercising its powers and discharging its functions.
 - 4) As per Section 86 (4), in discharge of its functions, the State Commission shall be guided by the National Electricity Policy, 2005, National Electricity Plan and Tariff Policy, 2006 published under Section 3 of the Electricity Act, 2003.

4. ANNUAL REPORT

Section 105 of the Electricity Act, 2003 states that

- 1) The State Commission shall prepare once in every year in such form and at such time as may be prescribed, as annual report giving a summary of its activities during the foregoing year and copies of the report shall be forwarded to the State Government.
- 2) A copy of the report received under sub-section (1) shall be laid, as soon as it is received, before the State Legislature

Accordingly, the Joint Commission has been preparing every year the Annual Report for circulation to various authorities including submission to the State Legislatures of Manipur and Mizoram.

The Annual Report 2021-2022 presents an overview of the Commission's activities during the period from 1st April, 2021 to 31st March, 2022. As stated earlier, this Commission was established on 24th January, 2008. Over these years, the Commission

has been making all efforts to translate its vision to reality in the two States and constantly endeavouring for improvement of quality of supply and services to the consumers while maintain a reasonable and affordable price. In the whole process, co-ordinated support and point specific assistance of State Government and people's co-operation are pre-requisites. Without these essentials, the Commission would find it difficult to bring about a transformation in all fronts of the power sector and also in the overall economy of the States of Manipur and Mizoram.

5. THE COMMISSION & THE UTILITIES

The Joint Electricity Regulatory Commission for Manipur and Mizoram join hands with the State Government run utilities viz Manipur State Power Company Limited (MSPCL) and Manipur State Power Distribution Company Limited (MSPDCL) in Manipur and Power & Electricity Department in Mizoram. The Power & Electricity Department, Mizoram is known as the Integrated Utility. They take the pledge to improve the power sector as envisaged by the Electricity Act 2003.

6. ORGANIZATION CHART AND STAFF STRENGTH

The Organization Chart showing the details as on 31st March, 2022, of the posts sanctioned by the Ministry of Power, Government of India in consultation with both the State Governments of Manipur and Mizoram for smooth functioning of the Commission, is given as Annexure-Proposal for creation of one post of Ombudsman and two supporting staffs each for Manipur and Mizoram has been submitted to the Ministry of Power, Government of India, and till date no creation order has been issued.

7. COMMISSION'S OFFICE

The Joint Electricity Regulatory Commission for Manipur and Mizoram is at present functioning at its office located at TBL Bhawan, E-18, Peter's Street, Khatla, Aizawl, Mizoram – 796001. The Office building is arranged by the Government of Mizoram incurring substantial expenditure as per the Memorandum of Agreement.

The Commission is accessible through its website; www.jerc.mizoram.gov.in and has e-mail of jerc.mm@gmail.com.

CHAPTER-IV

Basic Electricity Statistics

Table-I: Category wise Consumers and Connected load

Manipur									
Sl. No	Category	2018-19		2019-20		2020-21		2021-22	
		No. of Consumer	Connected Load (kW)	No. of Consumer	Connected Load (kW)	No. of consumers	Connected Load (kW)	No. of consumers	Connected Load (kW)
1	2	3	4	5	6	7	8	9	10
1	Domestic	470002	714440	473161	718998	473765	712813	474597	719266
2	Commercial	24128	102871	24481	109198	26308	108108	27881	111094
3	Public Lighting	441	1144	462	1201	392	1199	471	1208
4	Public Water Works	201	15923	209	15980	221	15937	244	17535
5	Irrigation and agriculture	66	1030	74	1077	72	1038	69	1109
6	Small Industry	2317	18845	2367	19261	2126	20233	2385	19267
7	Medium Industry	44	2325	80	4217	170	4198	99	4538
8	Large Industry	27	8573	38	12075	39	12171	44	12070
9	Bulk Supply	430	54122	388	48839	379	48640	412	51525
	Total	497656	919273	501260	930846	503472	924337	506202	937612
Mizoram									
Sl. No	Category	2018-19		2019-20		2020-21		2021-22	
		No. of Consumer	Connected Load (kW)	No. of Consumer	Connected Load (kW)	No. of Consumers	Connected Load (kW)	No. of Consumers	Connected Load (kW)
1	2	3	4	5	6	7	8	9	10
1	Domestic	217151	267199	233009	287711	243488	291285	252896	313703
2	Non-domestic			5868	12517	6925	15148	7759	19911
3	Commercial	15873	62605	12031	46878	12064	44594	12985	59701
4	Public Lighting	1283	921	1192	892	1244	912	1316	1287
5	Irrigation and agriculture	23	38	39	235	37	277	81	56107
6	Public Water Works	64	47506	70	46396	79	79557	40	287
7	LT Industrial	1151	10447	1032	5319	1034	4997	1023	11676
8	HT Industrial	15	8958	18	6731	23	5425	16	5892
9	Bulk Supply	49	10409	89	8008	198	53926	176	17466
	Total	235609	408083	253348	414687	265092	496121	276292	486030

Source: Tariff Petitions & Tariff Orders

RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	CURRENT YEAR	PREVIOUS YEAR
	2021-22	2020-21		2021-22	2020-21
I. Opening Balances			I. Expenses		
a) Cash in hand			a) Establishment Expenses	2,27,92,287.00	2,52,22,336.00
b) Bank Balances			b) Administrative Expenses	67,78,981.00	51,00,228.00
i) In SBI (Grant A/c)	6,117.50	2,13,40,575.30	II. Payments made against funds for various projects		
ii) In CA(Receipt A/c)			a) Expenditure incurred out of one time special grant		
II. Grants Received	4,46,13,085.30	3,97,65,688.00	b) Expenditure on seminar/workshop		
a) From participating State Governments			III. Investment and deposits made		
Temporary Loan from Receipt A/c Ministry of Power	2,81,20,000.00	78,49,732.00	a) Earmarked/Endow Fund	4,00,00,000.00	
Receipt A/c Ministry of Power		12,01,953.70	b) Own Funds(Oth.Investments)		
b) From State Government(Salary)			c) Fixed Deposit		
c) From other sources			IV. Fixed Assets & Capital Work-in-Progress	2,590.00	15,200.00
III. Income on Investment from			a) Purchased of fixed Assets	1,80,500.00	
a) Earmarked/Endow Fund			Office Equipments	3,89,690.00	78,200.00
b) Own Funds(Oth.Investments)			Furniture & Fixture, Computer, Vehicles		
IV. Interest Received			b) Expenditure on Capital Work-in-Progress		12,01,953.70
a) FD Interest			Fund transferred to GIA A/c		
b) Interest from Schedule Banks			V. Loans Advances	324.50	
V. Other Income(Specify)			VI (a) Bank/ Finance Charges(Receipt)	649.30	
a) Sales proceeds from vehicle Auction	18,740.00	13.00	VII. (a) Bank/ Finance Charges(c)Current)	1,252.00	
b) Sales proceed from Chair Auction	1,75,085.00		VIII. Other Payments (Specify)		
c) Tariff Filling Fees	77,000.00		IX. Prior Period Exp.(20-21)		
d) Annual Licence Fees			X. Closing Balances		
e) Sales of Tender Documents	800.00		a) Cash in hand		4,4613,085.30
f) RTI Fees			b) Bank Balances	90,08,911.00	
g) Refund of Excess Arrear	27,15,000.00	27,00,000.00	i) In CA(Grant A/c)		
h) Refund of Advance(S&W)	33,22,000.00	33,50,000.00	ii) In CA(Receipt A/c)(1266)		6,117.50
i) Refund of Advance(Public Hearing)	43,300.00		iii) In CA(Saving A/c)		
VI. EMD/Security Deposit	39,983.00	33,168.00			
VII. Any other receipts (give details)	24,074.00				
TOTAL	7,91,55,184.80	7,62,41,130.00	TOTAL	7,91,55,184.80	7,62,41,130.00

3. REGULATION

In exercise of the power conferred under sub-section (2) of Section 181 of the Electricity Act, 2003, the Commission has so far published 55(Fifty five) Nos of Regulations in the State gazettes of Manipur and Mizoram. As required by the Electricity Act, 2003 each of these Regulations was notified and kept open for obtaining views and suggestions from interested groups and individuals, before they are finally published. The lists of regulations so far notified are indicated at Annexure.

CHAPTER-II

ACTIVITIES OF THE COMMISSION

1. CONSTITUTION OF THE STATE ADVISORY COMMITTEE

The Section 87 of the Electricity Act, 2003 states that:-

- 1) The State Commission may, by notification, establish with effect from such date as it may specify in such notification, a Committee to be known as the State Advisory Committee.
- 2) The State Advisory Committee shall consist of not more than twenty-one members to represent the interests of commerce, industry, transport, agriculture, labour, consumers, non-governmental organizations and academic and research bodies in the electricity sector.
- 3) The Chairperson of the State Commission shall be the ex-officio Chairperson of the State Advisory Committee and the Members of the State Commission and the Secretary to State Government in-charge of the Ministry or Department dealing with Consumer Affairs and Public Distribution System shall be the ex-officio Members of the Committee.

As authorized by the Joint Electricity Regulatory Commission for Manipur and Mizoram (Constitution of State Advisory Committee and its functions) Regulations, 2010, two separate State Advisory Committees, one each for the States of Manipur and Mizoram, were constituted.

The major role of the Advisory Committee, as assigned under Section 88 of the Electricity Act, 2003 is to advise the Commission on-

- i) Major question on Policy.
- ii) Matters relating to quality, continuity and extent of service provided by the Licensees.
- iii) Compliances by the Licensees with the conditions and requirements of their Licence.
- iv) Protection of Consumer interest.
- v) Electricity supply and overall Standards of performance by Utilities.

STATE ADVISORY COMMITTEE MEETINGS

During the year 2021-22, the Commission organized the following meetings in Manipur and Mizoram as below:

MANIPUR

The 21st Meeting of State Advisory Committee, Manipur was held on 15th April, 2021 at Hotel Classic Grande, Dynasty Hall, Imphal. The following agenda were discussed:

1. Confirmation on the minutes of the 20th Meeting of State Advisory Committee Meeting, Manipur held on 24.02.2020.
2. Action taken report on the minutes of the 20th meeting of State Advisory Committee meeting, Manipur
 - (i) It was recommended by the State Advisory Committee in the last meeting that the audit of Annual Accounts of the pending years should be completed by June, 2020. MSPCL and MSPDCL may report the present status of the audit carried out for further deliberation (vide Agenda No.2 (i) of previous meeting minutes).
 - (ii) The up-to-date status of operation of franchisee system in rural areas and the modalities for billing & collection of revenue shall be reported by MSPDCL for deliberation (vide Agenda No.2 (ii) of previous meeting minutes).
 - (iii) MSPDCL may report their proposal submitted to the State Government regarding subsidy payment to specific category of consumers for further deliberation (vide Agenda No.2 (iii) of previous meeting minutes).
 - (iv) The up-to-date status of calibrating different prepaid machines visa-vis functioning of data centre at Guwahati (vide Agenda No. 2 (iv) of previous meeting minutes).
 - (v) Losses in Power Purchase Management(vide Agenda No. 4 of previous meeting minutes): Study team was to be set up on this issue and its report to be discussed in this meeting as decided in the last meeting. MSPDCL may report up-to-date status alongwith its recommendation for power purchase management for further deliberation.
 - (vi) Increase of annual closing outstanding dues and collection of outstanding dues(vide Agenda No. 5 of previous meeting minutes): Action taken report has not been reviewed by the commission although it was decided in the last meeting to be submitted quarterly.
 - (vii) MSPDCL may report the up-to-date status of outstanding dues of power purchase bills (vide Agenda No.6 of previous meeting minutes).
 - (viii) **Case study of losses at 132kV level and 33kV level** (vide Agenda No.7 of previous meeting minutes): The Commission prepared formats for case study of 132kV and 33kV intra-state transmission lines under MSPCL and requested to select each of 5(five) lines of 132kV level and 33kV level

CHAPTER-III

1. HUMAN RESOURCE DEVELOPMENT

During the period reported, the Commission and its Officer have attended various Capacity Building Training and Meeting at various venues conducted by FOR, etc. The list of the Meetings, Seminars, etc.

2. ACCOUNTS OF THE COMMISSION

The Commission received fund as Grant-in-Aid amounting to Rs.281,20,000/- from the State Governments of Manipur and Mizoram for utilization during April, 2021 to March, 2022.

The details Statement of Receipts and Payments there of are as below:

RECEIPTS & PAYMENTS ACCOUNT FOR THE PERIOD FROM APRIL, 2021 TO MARCH, 2022 (GIA)

Section 166 (5): There shall be a committee in each district to be constituted by the Appropriate Government-

- i) to co ordinate and review the extension of electrification in each district;
- ii) to review the quality of power supply and consumer satisfaction;
- iii) to promote energy efficiency and its conservation.

9. STATE LOAD DESPATCH CENTRE TO FUNCTION AS INDEPENDENT SYSTEM OPERATION (ISO)

Section 31 and 32 of the Electricity Act, 2003 contemplate SLDC as an Independent Apex Body to ensure integrated operation of the power system in the State. The Act also provides for financial independence of SLDC under Section 32 (3) by way of levy and collection of fees and charges from generating companies and the licensees using the Intra-State transmission network, Joint Electricity Regulatory Commission for Manipur and Mizoram formulated, the Joint electricity Regulatory Commission for Manipur & Mizoram (Fees and Charges of SLDC and other Related matters) Regulations, 2010 for implementation of levy of annual fee and charges for SLDC functions in Manipur & Mizoram.

The Manipur State Government has established the SLDC as an independent entity by segregating from the State Transmission Utility (MSPCL), Manipur in the form of "Manipur State Load Despatch Society" to give effect to the provisions of The Electricity Act, 2003 and Clause 4 (1) (a) of the Transfer Scheme 2013 in respect of Manipur State Electricity Reforms Transfer Scheme, 2013.

The society will be called "Manipur State Load Despatch Centre" and will be registered under Manipur Societies Registration Act.

At present Mizoram Govt. has not established an independent SLDC so far. But SLDC is being set up and the basic functioning has started under the control of one Superintending Engineer of Power & Electricity Department.

and submit report for the period of 3(three) months (i.e. March- May, 2020). MSPCL has not submitted their report till date even after requesting them 3(three) times to submit it. MSPCL may submit their case study report in the meeting for further deliberation.

3. Determination of ARR & Retail Tariff of MSPDCL for FY 2021-22 and ARR & Transmission Tariff of MSPCL for FY 2021-22.

The 22nd Meeting of State Advisory Committee, Manipur was held on 14th March, 2022 Royale Hall, Hotel Classic, Imphal, Manipur. The following agenda were discussed:

1. Confirmation on the minutes of the 21st Meeting of State Advisory Committee Meeting, Manipur held on 15.04.2021.
2. Action taken report on the Minutes of the 21st Meeting of SAC, Manipur on the following items:
 - (i) MSPCL and MSPDCL have not filed True-up petition for the FY 2015-16 onwards for want of audited annual accounts. In the last meeting, they said that they were in the process of finalizing the accounts. Almost a year has elapsed since then. MSPCL and MSPDCL may kindly report present status of audit of their annual accounts and when they shall be able to file true-up petitions. (vide agenda 2(i) of the minutes of the 21st meeting of SAC, Manipur).
 - (ii) MSPDCL may kindly give a report of up-to-date status of operation of franchisee system in rural areas and the modalities for billing and collection of revenue at present condition for further deliberation of SAC members. (vide agenda 2(ii) of the minutes of the 21st meeting of SAC, Manipur).
 - (iii) MSPCL may kindly give report of the up-to-date status of case study of losses at 132kV level and 33kV level for further deliberation of SAC members. (vide agenda 2(viii) of the minutes of the 21st meeting of SAC, Manipur).
3. Determination of ARR & Retail Tariff of MSPDCL for FY 2022-23 and ARR & Transmission Tariff of MSPCL for FY 2022-23.
4. Increasing trend of Closing Debtor.
5. Non-True Up of Receipt and Expenditure, etc.

MIZORAM

The 24th Meeting of State Advisory Committee, Mizoram was held on 2nd March, 2022 at Aijal Club, Conference Hall, Treasury Square, Aizawl. The following agenda were discussed:

1. Confirmation on the minutes of the 23rd Meeting of State Advisory Committee Meeting, Mizoram held on 18.02.2021.
2. **Review of action taken on the Minutes of the 23rd Meeting of SAC on the following items:**
 - (i) **Formation of Vigilance Committee:** It was recommended in the last SAC meeting that Power & Electricity Department (P&ED) with Vigilance Committee will check 2 to 3 P&ED Complexes in Aizawl before next SAC meeting and submit report in the SAC meeting. The E-in-C may kindly give report for further deliberation. (vide Agenda 2(i) of the 23rd Meeting of SAC, Mizoram).
 - (ii) **Report on updating of contracted and connected load:** The Commission has not received abstract report of category-wise connected load and contracted load in Mizoram till date. E-in-C may kindly give the up-to-date status. (vide Agenda 2(iii) of the 23rd Meeting of SAC, Mizoram).
 - (iii) **Installation of Pre-Payment metering system:** In the last SAC meeting, the P&E Department was requested to speed up the implementation of prepaid system in the pilot project. The E-in-C may kindly give up-to-date status and schedule of completion for further deliberation. (vide Agenda 2(viii) of the 23rd Meeting of SAC, Mizoram).
 - (iv) **Case study of Transmission loss at 132kV level and 33kV level:** In the last meeting, it was decided that the P&E Department should carry out full study of all 132kV, 33kV systems and report the actual loss at 132kV system and 33kV system in the next SAC meeting and the E-in-C assured to present its finding in the next meeting. The E-in-C may give detail report for further deliberation. (vide Agenda 2(ix) of the 23rd Meeting of SAC, Mizoram).
 - (v) **Testing of meters:** The last SAC meeting recommended that P&E Department should select sub-divisions in rural areas for testing of meters and move the Government to provide required fund for purchase of portable testing instruments so that consumers of rural areas can approach them for testing complained meters. This meeting also recommended to appoint Mizoram Legal Metrology Department as third party testing laboratory. The E-in-C may kindly give up-to-date status report for further deliberation. (vide Agenda 3 of the 23rd Meeting of SAC, Mizoram).
3. **Determination of Retail Tariff of P&E Deptt. for FY 2022-23.**
4. **Actual strength of Employee under P&E Department.**
5. **Increasing trend of Closing Debtor.**
6. **Functionwise Budget Head of Account.**
7. **Assessment of energy pilfered on meter by-passing, hooking, tempering of meters.**
8. **Agenda submitted by Prof. H. Lalramnghinglova.**

86(1)(e)	Promotion of co-generation and renewable sources of energy	RPO has been fixed for the distribution licensees/captive/open access consumers. REC is introduced
86(1)(f)	Adjudicate upon disputes	No disputes received
86(1)(g)	Levy of fee	Fee as per the provisions of the Regulations is being collected
86(1)(h)	Specify State Grid Code	The existing State Grid Code is under modification
86(1)(i)	Enforcement of Standards	The quality, continuity and reliability of services by licensees are being monitored on a regular basis
86(1)(j)	Advisory Role	State Advisory Committee and Co-ordination Forum meetings are held regularly
86(1)(k)	Ensuring transparency in the functioning of the Commission	Public hearing and written comments / suggestion are invited in respect of petitions filed for tariff revision and issue of other important orders and Regulations
86(1)(l)	Commission to be guided by NEP and Tariff Policy	The Commission has been following the broad guidelines, provisions of NEP and Tariff Policy in discharge of its mandated functions

LEGAL INFORMATION

The Commission subscribed law journals/reports/Collected CDs to update information on latest judicial precedents/legislative developments. It gathered relevant information on Acts, Rules, Regulations and Orders on legal and regulatory matters relating to electricity. Relevant Orders of High Courts, Supreme Court, Central Electricity Regulatory Commission (CERC), Appellate Tribunal for Electricity (ATE), Rules and Notifications of Govts. of Manipur, Mizoram and Govt. of India.

8. DISTRICT ELECTRICITY COMMITTEE

The Commission requested the State Governments of Manipur and Mizoram to constitute District Electricity Committee as per Section 166 (5) of the Electricity Act, 2003. The relevant section is quoted as below:

7. ELECTRICITY OMBUDSMAN

As provided by the sub-section 6 of section 42 of the Electricity Act 2003 and as required by Regulation 3 (2) of the Joint Electricity Regulatory Commission for Manipur and Mizoram (Electricity Ombudsmen) Regulations, 2010, Mr.H.Thanthianga, Chief (Engineering) of the Commission has been designated as Electricity Ombudsman for Manipur and Mizoram as an Interim-arrangement.

No Complains/Petitions have been filed to the electricity Ombudsmen during the period under Report.

8.ACTIVITIES OF THE COMMISSION

As per the functions of the Commission specified under Section 86 of the Electricity Act 2003, the following are the main activities of the Commission during the year.

	Functions specified	Activities during the year
86(1)(a)	Determination of tariff of generation, supply, transmission and wheeling of electricity	Tariff orders issued for both Manipur & Mizoram
86(1)(b)	Regulation of electricity purchase and procurement process of distribution licensee	Regulations made and notified
86(1)(c)	Facilitation of intrastate transmission and wheeling of electricity	Transmission and Wheeling charges are determined in tariff order for Mizoram and yet to be determined for Manipur.
86(1)(d)	Issue of licence	There are three deemed licensees viz., Power and Electricity Department, Mizoram, Manipur State Power Company Limited and Manipur State Power Distribution Company Limited.

STATE CO-ORDINATION FORUM & ITS ACTIVITIES

During the year 2021-2022, the Commission organized 1(one) meeting for Mizoram State only as stated below.

MIZORAM

14th Meeting of State Co-ordination Forum, Mizoram was held on 14th June 2022 at DOCC Hall, Office of Engineer-In-Chief, P&ED, Kawlpheta Building, MINECO

The following agenda were discussed:

Agenda No.1 :Collection of Grid connected and Non-Grid connected Roof top Solar generation data and Solar Water Pumping system etc.under other agencies.

Agenda No.2 : Regulations for conduct of Energy Audit in Electricity Distribution Companies,2021

Agenda No.3: Implementation of Pre-Paid Smart metering under Revamped Distribution Sector Scheme (RDSS)

The following decision are made accordingly:

- (i) Power & Electricity Department after having careful study on ToD Tariff structure may attempt to propose ToD tariff in the next Tariff petition for bulk consumers who are in Industrial, Bulk Power supply categories.
- (ii) Proposal for revision of some clauses in the Supply Code Regulations that appears to be no longer relevant shall be made as and when felt necessary.

Agenda No.4 : Status of Independent cloud server and migration of 1.4 lakhs RAPDRP consumers from North East Common Data Centre, Guwahati.

Agenda No.5 : Removal Slab Rate in the following Categories:

- i) Non-Domestic LT
- ii) Commercial LT
- iii) Industrial LT

Agenda No.6 :Change of Slab in Domestic Category:

- i) 0-60 unit i.e first 60 units) instead of 0-100units
- ii) 61-150 unit (i.e next 90 units) instead of 101-200 units
- iii) Above 150 units instead of above 200 units.

Agenda No.7 :Re-naming of Non-Domestic category as General Purpose or General service category.

Agenda No.8 :Having suitable Head of Account appropriate to the Functions.

TARIFF ORDERS

For the 9th time, the Commission issued tariff ARR for MYT period 2021 - 2022 to 2022–2023 for the Manipur State Power Company Limited (MSPCL), Manipur State Power Distribution Company Limited (MSPDCL) and Power & Electricity Department,

MEMBERSHIP OF THE FORUM OF REGULATORS FORUM OF INDIAN REGULATORS AND FORUM OF REGULATORS FOR EASTERN AND NORTH EASTERN STATE

The Forum of Regulators (FOR) was constituted by the Government of India where all Chairpersons of SERCs are only the members as per provisions of the Electricity Act, 2003, the Forum of Indian Regulators (FOIR) was constituted under the societies Act where all Chairpersons and Members of SERCs are the member of the FOIR. The Secretariat of the FOR and FOIR located at the Central Electricity Regulatory Commission, New Delhi. The Forum provides avenue for exchange of views and information among Indian Electricity Regulators and preparation of common ground and agenda in respect of various regulatory issues. The Form of Regulators for Eastern and North Eastern States is a Society for the Eastern and North Eastern States Regulatory Commission which is presently located in the Office of the Odisha Electricity Regulatory Commission (OERC) and the Chairperson of the OERC is the Chairperson of the Forum. This can be changed on rotational basis every year as decided by the Members.

The Annual subscription for Membership of the Forum of Indian Regulators is Rs.50,000.00 for Forum of Regulators is Rs. 4,72,000.00 and for Forum of Regulators for Eastern and North Eastern States is Rs.2,50,000.00 respectively.

The Annual subscription for FOR, FORENS and FOIR are paid upto 2018-2019.

4. ESTABLISHMENT OF COMMISSION FUND

1) Section 102 of Electricity Act, 2003: Grants and Loans by the State Government:-

The State Government may, after due appropriation made by Legislature of a State in this behalf, make to the State Commission grants and loans of such sums of money as that Government may consider necessary.

2) Section 103 of Electricity Act, 2003: Establishment of Fund by the State Government:-

There shall be constituted a Fund to be called the State Electricity Regulatory Commission Fund and shall be credited there to-

- a) any grant and loan made to the State Commission by the State Government under section 102;

- b) all fees received by the State Commission under this Act;
- c) all sums received by the State Commission from such other sources as may be decided upon by the State Government.

3) The Fund shall be applied for meeting:-

- a) The Salary, Allowances and other remuneration of the Chairperson, Members, Secretary, officers and other employees of the State Commission;
- b) The expenses of the State Commission in discharge of its functions under Section 86;
- c) The expenses on objects and for purposes authorized by this Act,

4) The State Government may, in consultation with the Comptroller and Auditor – General of India, prescribed the manner of applying the Fund for meeting the expenses specified in clause (b) or clause (c) of sub-section (2).

5) The Commission, JERC(M&M) is at present functioning with the Government grant to meet the expenditure on salary and other establishment expenditure. Audit of the Annual Accounts have been conducted by the office of the Principal Accountant General, Mizoram as per Fund Rules of the Commission notified by Government of India

5. REGULATORY DISPUTES

No Regulatory dispute was encountered by the Commission during the year under Report.

6. CONSUMER GRIEVANCE REDRESSAL FORUM (CGRF)

As required by the proviso (5) of the Section 42 of the Electricity Act, 2003, the Commission has already notified Regulations on Consumer Grievance Redressal directed the State Power Department to set up Internal Grievance Redressal Cell (IGRC) and Consumer Grievance Redressal Forum (CGRF) at suitable locations and also to draw the awareness of all consumers of Grievance Redressal mechanism through wide publication in the local newspapers.

Accordingly, both the distribution Utilities of Manipur and Mizoram have set up one CGRF for each of the States at their respective head offices in Imphal and Aizawl respectively and made them functional.

In addition, IGRC(s) have also been set up at different places of Manipur and Mizoram.