

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

12th ANNUAL REPORT

2019-2020

FOREWORD

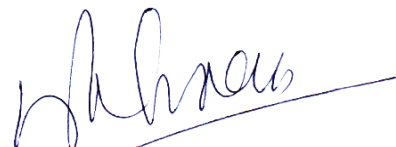


It is a great privilege to write a foreword of the 12th Annual Report of the Joint Electricity Regulatory Commission for the State of Manipur and Mizoram for the year 2019 - 2020. The Annual Report is mandatory as per Section 105 of the Electricity Act 2003, highlighting the activities of the Commission during the year under report 2019 - 2020.

As such, major activity of the Commission is hereby prepared for laying in the Legislative Assembly of the participating states, viz. Mizoram State and Manipur State.

Every year, the Commission hold State Advisory Committee (SAC) and Public hearing for the Tariff proposal from the concern utilities. SAC for Manipur was held on 05.03.2019 and SAC for P&ED (Mizoram) was held on 21.02.2019. The Tariff Public hearing for P&ED (Mizoram), Manipur State Power Company Limited (MSPCL) and Manipur State Power Distribution Company Limited (MSPDCL) were held on 02.02.2019, 06.03.2019 and 07.02.2019 respectively.

After the Commission 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.



LALCHHARLIANA PACHUAU
Chairperson



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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 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 balance of interests of all the stakeholders while fulfilling its primary responsibility to ensure supply of reliable power to the Consumers of these two States at reasonable and affordable rates and furtherance of reforms 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 the reform 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:
 - a) Determine the tariff for generation, supply, transmission and wheeling of electricity, wholesale, bulk or retail, as the case may be, within the States of Manipur and Mizoram.
 - b) 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;
 - c) Facilitate intra-state transmission and wheeling of electricity;
 - d) Issue licences to persons seeking to act as transmission licensees, distribution licensees and electricity traders with respect to their operations within the State;
 - e) 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;
 - f) Adjudicate upon the dispute between the licensees and generating companies and to refer any dispute for arbitration;

- g) Levy fee for the purposes of this Act;
 - h) Specify State Grid Code consistent with the Grid Code specified under clause(h) of sub-section(10) of Section 79;
 - 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 fore ceding 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 2019-2020 presents an overview of the Commission's activities during the period from 1st April, 2019 to 31st March, 2020. 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 MSPCL and 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, 2020, 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 – II

ACTIVITIES OF THE COMMISSION

1. CONSTITUTION OF THE STATE ADVISORY COMMITTEE

The Section 87 of the Electricity Act, 2001 states that:-

- 1) The State Commission may, by notification, established 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. Notifications issued in this regard are at Annexure-respectively.

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.

2. STATE ADVISORY COMMITTEE MEETINGS

As per the Regulations, meeting of the State Advisory Committee is to be held once in every quarter for both States.

During the year 2019-20, the Commission organized 2(two) meetings, 1(one) for Manipur and 1(one) for Mizoram in both State Capitals as stated below:

MANIPUR

20th Meeting of State Advisory Committee, Manipur was held on 24th Feb, 2020 at Hotel Classic, Conference Hall, Imphal. The following agenda were discussed:

1. Confirmation on the Minutes of the 19th Meeting of the SAC, Manipur held on 5th March, 2019.
2. Action taken report on the minutes of 19th SAC Meeting, Manipur.
 - i) The up-to-date status of audit of annual accounts at least upto FY 2016-17 which has been assured to be made available in the coming Tariff Petition.
 - ii) The up-to-date status of opening more payment counters and operation of franchisee system in rural areas.
3. Determination of Retail Tariff of MSPDCL for FY 2020-21 and Transmission Tariff of MSPCL for FY 2020-21.
4. Losses in Power Purchase Management.
5. Centre Increased of annual closing outstanding dues (closing debtors) and collection of the outstanding dues thereof.
6. Subsidy Outstanding Pending bills on Power purchase Bills.
7. Case study of losses at 132 kV level and 32 kV level.

MIZORAM

22nd Meeting of State Advisory Committee, Mizoram was held on 27th Feb, 2020 at Hotel Floria, Conference Hall, Bara Bazar, Aizawl. The following agenda were discussed:

1. Confirmation on the Minutes of the 21st Meeting of the SAC, Mizoram held on 21st February, 2019.
2. Review on discussion taken on the minutes of 21st SAC Meeting, Mizoram.
 - (i) Formation of Vigilance Committee.
 - (ii) Installation of meters at 132kV, 33kV, 11kV level and at DTs.
 - (iii) Report on updating contracted and connected load.
 - (iv) Up-to-date Status of unbundling/reconstruction of P&E Department.
 - (v) Opening of Revenue Collection Centre at Sakawrdai.
3. Determination of Retail Tariff of P&E Department for FY 2020-21.
4. Losses in Power Purchase Management.
5. Increasing trend of consumer outstanding arrear from year to year.
6. Effect of outstanding power purchase bill with surcharge there on.
7. Installation of Prepayment metering system.
8. Case study of Transmission loss (132 kV level) and Sub-Transmission (Distribution) loss at 33 kV level.
9. With the permission of the chair Mr. Lalchharliana Pachuau, Member proposes that the department should inform the public through media that replacement of meters are to be borne by the consumers and that the department is to levy the fixing charge only and that correct meter reading should be observed scrupulously and details of consumer profile is to be maintained by the department and information to be kept in soft and hard copies.



3. STATE CO-ORDINATION FORUM & ITS ACTIVITIES

During the year 2019-20, the Commission was able to organize 1(one) meeting only for Mizoram due to Covid-19 pandemic as below:

MIZORAM

12th Meeting of State Co-ordination Forum, Mizoram was held on 6th June, 2019 at Aijal Club, Aizawl, Mizoram. The following agenda were discussed:

1. Review of 11th Meeting
 - i. Interest Bearing Security Deposit.
 - ii. Overall and Guaranteed Standard with Compensation Amount:
 - iii. Up-to-date status of installation of energy meters in Mizoram and Programme of Installation of Energy meter with MDI facility. Action taken for payment of up-to-date monthly energy consumption charge.
 - iv. DT metering and feeder metering-up-to-date status and reliability for computation of Feeder-wise AT&C loss in each RAPDRP town (9 towns).
 - v. Generation.
 - vi. Transmission under NERPSIP (PGCIL).
 - vii. Power Sub-stations taken up by PGCIL.
 - viii. Demand side management – Action taken and programme.
 - ix. Action taken by P&E Dept. under UDAY Scheme. Achievement against prescribed loss reduction trajectory thereof.
 - x. Programme for implementation of smart metering as per MOP guidelines.
 - xi. Function-wise reorganization of P&E Department.
 - xii. Solar Generation: From Solar parks and Rooftop Solar.
 - xiii. Circle-wise Energy Input.
 - xiv. New transmission lines and Sub-Stations.
 - xv. Staff shortage in the Department.
 - xvi. Pre-paid Metering System.

2. Up-to-date status of online bill payment vis-à-vis easy payment of electricity bill.
3. Up-to-date status of action taken under Saubhagya.
4. Up-to-date status of computerized billing and further programmes.
5. Loss reduction programmes at 132 kV level, 33kV level, 11kV level and LT level with proposed reliable energy account.
6. Comment of Case study of 11kV energy input v/s energy billed, revenue billed v/s billing rate Rs per unit for May, June, July, 2018 send to vide Commission letter No H. 11019/24/18-JERC dated 7th May 2019.

4. TARIFF ORDERS

For the seventh time, the Commission issued tariff ARR for MYT period 2018 - 2019 to 2022 – 2023 and order for FY 2018 – 2019 on 12th March, 2018 for the Manipur State Power Company Limited (MSPCL), Manipur State Power Distribution Company Limited (MSPDCL) and Power & Electricity Department, Government of Mizoram respectively.

5. 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 Odhisa 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. 100,000.00 for Forum of Regulators is Rs. 300,000.00 and for Forum of Regulators for Eastern and North Eastern States is Rs. 100,000.00 respectively.

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

6. 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 thereto-

- 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, prescribe 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

7. REGULATORY DISPUTES

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

8. 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.

9. 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. LalchharlianaPachau, Member of the Commission has been designated as Electricity Ombudsman for Manipur and Mizoram as an Interim-arrangement.

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



10. 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.

Section of EA 2003	Functions specified	Activities during the year
86(1)(a)	Determination of tariff for 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 intra state 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 two deemed licensees in the States of Manipur i.e. P&E Deptt, Mizoram and Electricity Deptt Manipur besides trading licence in both the States
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

11. 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.

12. 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:

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

- (a) to coordinate and review the extension of electrification in each district;
- (b) to review the quality of power supply and consumer satisfaction;
- (c) to promote energy efficiency and its conservation.

13. STATE LOAD DISPATCH 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 as far. But SLDC is being set up and the basic functioning has started under the control of one Superintending Engineer of Power & Electricity Department.

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 attended is at Annexure.

2. ACCOUNTS OF THE COMMISSION

The Commission received fund as Grant-in-Aid amounting to Rs3,93,46,182/- from the State Governments of Manipur and Mizoram for utilization during April, 2019 to March, 2020.

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

RECEIPTS & PAYMENTS ACCOUNT FOR THE PERIOD FROM APRIL, 2019 TO MARCH, 2020 (GIA)

S/N	Receipts	Amount (Rs.)	S/N	Payment	Total Amount Drawn (Rs)	Adjustment in reduction of Expenditure	Actual Expenditure
	To-			By-			
1	Opening Balance		1	Advertisement & Publicity	1,25,841.00		1,25,841.00
	(i) On Cash Book/ Bank balance as on 01.04.2019	1,48,62,225.50	2	Bonus / CEA			
			3	Books			
			4	Consultancy	28,41,425.00		28,41,425.00
	(ii) Cash in hand		5	Electricity & Power	34,743.00		34,743.00
2	GIA		6	Expenses on Fees	11,92,213.00		11,92,213.00
(i)	Sal&Non-Sal receipts from Govt. of Manipur(1st-4th Qtr for FY2019-20. (i.e. Rs. 19754000/-)	54,36,000.00	7	Furniture & Fixtures	15,163.00		15,163.00
		52,00,000.00	8	Insurance			
		35,35,000.00	9	L/F for Quarters retention			
		55,83,000.00	10	Leave Travel Concession			
			11	Machinery & Equipment	1,04,940.00		1,04,940.00
(ii)	Sal receipts from Govt. of Mizoram(1st-4th Qtr for FY2019-20 (i.e. Rs. 1,14,42,182/-)	28,88,000.00	12	Medical Reimbursement	21,24,030.00		21,24,030.00



		28,36,182.00	13	Motor Vehicle	23,37,594.00		23,37,594.00
		30,02,000.00	14	Newspapers & Periodicals	91,701.00		91,701.00
		27,16,000.00	15	Other Office Expenses	2,59,921.00		2,59,921.00
			16	Pension & Leave Salary Contr.	18,92,883.00		18,92,883.00
(iii)	Non-Sal receipts from Govt. of Mizoram(1st-4th Qtr for FY2019-20 (i.e. Rs.81,50,000/-))	5,70,000.00	17	Petroleum Oil & Lubricants	6,56,659.00		6,56,659.00
		5,70,000.00	18	Postage	22,765.00		22,765.00
		20,50,000.00	19	Printing	1,20,950.00		1,20,950.00
		49,60,000.00	20	Repair & Maintenance			
3	Leave salry Contr. Receipt from UIDAI, RO, Ghry from Hemam Romi (i.e. Rs.1,64,994/-)	50,429.00		i. Building			
		1,14,565.00		ii. Furniture & Fixtures (F&F)			
				iii. Machinery & Equipment (M&E)	39,890.00		39,890.00
			21	Retirement & Terminal Benefit			
			22	Seminar & Workshop	10,06,920.00		10,06,920.00
			23	Stationery	1,80,170.00		1,80,170.00
4	Recovery of excess payment against FVC 46P/JERC/19	2.00	24	Subscription Fee	11,400.00		11,400.00
			25	Telephone & Communication	2,09,207.00		2,09,207.00
			26	Travelling Expenses (Domestic)	7,73,369.00		7,73,369.00
			27	Vehicle Running & Maintenance	5,95,299.00		5,95,299.00
5	Receipts through auction of office Car MZ-01D-8531 & Refrigerator	1,03,000.00	28	Wages	30,72,700.00		30,72,700.00
		100.00		Pay and allowances:			
6	"Recovery of unutilized advances (seminar & Workshop and TE), (i.e. Rs.3,58,599/-)"	3,20,000.00		1. Chairperson & Member	34,83,302.00		34,83,302.00
		38,599.00		Licence fee for Quarter	6,600.00		6,600.00
				2. Officers & Staff	1,03,18,110.00		1,03,18,110.00
				Remittance : -			
				i. Licence fee for Quarter	4,800.00		4,800.00
				ii. NPS Contribution	9,67,525.00		9,67,525.00
				iii. NPS Matching Share	10,02,907.00		10,02,907.00
			29	Recovery of Internal loans			
			30	Bank charges (if any)	1,500.20		1,500.20
				Total	3,34,94,527.20	0.00	3,34,94,527.20
				"(Less) for Cheque No. 187023 of 30.03.2020 in favour of ASCI			-20,29,600.00
				Bank Balance			2,33,70,175.30
				Cash Balance			
	GRAND TOTAL	5,48,35,102.50		GRAND TOTAL			5,48,35,102.50

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 43 (Forty three) 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 –IV

BASIC ELECTRICITY STATISTICS

Table-I : Category wise Consumers and Connected load

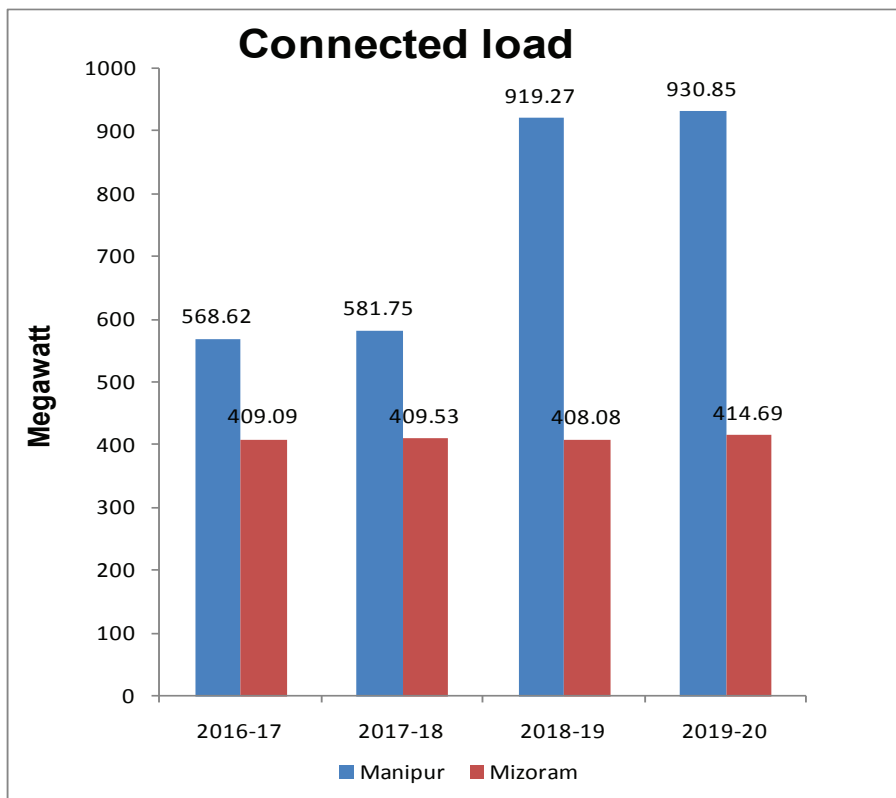
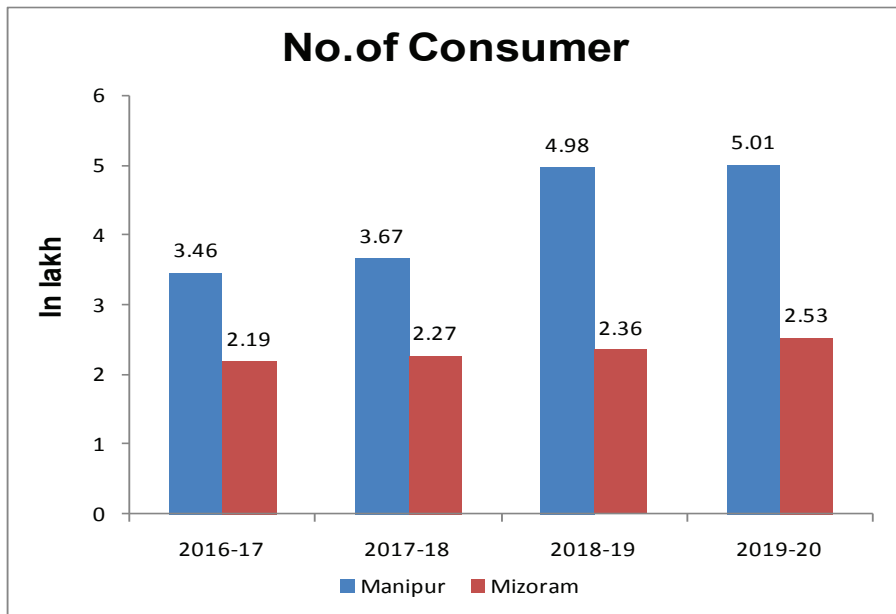
MANIPUR

Sl. No	Category	2016-2017		2017-2018		2018-2019		2019-2020	
		No. of Consumer	Connected Load (Kw)	No. of Consumer	Connected Load (Kw)	No. of Consumer	Connected Load (Kw)	No. of Consumer	Connected Load (Kw)
1	2	3	4	5	6	7	8	9	
1	Domestic	328131	423525	347988	473174	470002	714440	473161	718998
2	Commercial	14153	43398	15196	38999	24128	102871	24481	109198
3	Public Lighting	441	1064	441	1144	441	1144	462	1201
4	Public Water Works	180	21376	184	15035	201	15923	209	15980
5	Irrigation and agriculture	64	978	64	742	66	1030	74	1077
6	Small Industry	2317	17688	2317	18845	2317	18845	2367	19261
7	Medium Industry	73	7319	73	1095	44	2325	80	4217
8	Large Industry	25	3361	27	3993	27	8573	38	12075
9	Bulk Supply	710	49914	718	28726	430	54122	388	48839
	Total	346094	568623	367008	581753	497656	919273	501260	930846

MIZORAM

Sl. No	Category	2016-2017		2017-2018		2018-2019		2019-2020	
		No. of Consumer	Connected Load (Kw)	No. of Consumer	Connected Load (Kw)	No. of Consumer	Connected Load (Kw)	No. of Consumer	Connected Load (Kw)
1	2	3	4	5	6	7	8	9	
1	Domestic	200365	282334	206397	282637	217151	267199	233009	287711
2	Non-domestic							5868	12517
3	Commercial	16350	56523	18570	56584	15873	62605	12031	46878
4	Public Lighting	1259	1046	1322	1047	1283	921	1192	892
5	Irrigation and agriculture	21	105	22	105	23	38	39	235
6	Public Water Works	58	38443	61	38482	64	47506	70	46396
7	LT Industrial	783	4152	818	4156	1151	10447	1032	5319
8	HT Industrial	18	8853	19	8862	15	8958	18	6731
9	Bulk Supply	147	17636	287	17656	49	10409	89	8008
	Total	219001	409092	227496	409529	235609	408083	253348	414687

Source : Tariff Petitions & Tariff Orders



**Table-II : Growth of Energy Consumption****Figures in MU**

Sl. No.	Category	2016-17	2017-18	2018-19	2019-20
		(Actual)	(Actual)	(Actual)	(Actual)
1	2	3	4	5	6
A.	Manipur				
1	Domestic	322.10	385.58	385.76	418.57
2	Commercial	42.94	44.79	74.84	82.41
3	Public Lighting	4.45	5	3.62	3.58
4	Public Water Works	17.99	18	21.54	22.56
5	Irrigation and Agriculture	1.92	2.18	1.88	1.86
6	Small Industry	17.46	18	19.68	21
7	Medium Industry	3.38	4	3.99	4.23
8	Large Industry	4.82	6	7.43	8.79
9	Bulk Supply	96.73	98.59	78.21	86.03
10	Temporary Power Supply	0.13	0	0	0
	Total (A)	511.92	582.14	596.95	649.03
B.	Mizoram				
1	Domestic	238.31	249.93	227.97	296.33
2	Non-domestic				9.56
3	Commercial	33.87	36.11	61.04	48.30
4	Public Lighting	4.89	4.89	2.67	2.11
5	Public Water Works	49.96	52.04	68.57	64.29
6	Irrigation and Agriculture	0.27	0.28	0.22	0.14
7	Industrial(LT)	1.64	1.64	3.41	2.96
8	Industrial(HT)	8.83	9.27	10.94	7.96
9	Bulk Supply	15.28	17.49	12.69	54.44
10	Temporary Power Supply	0.50	0	0.23	0.33
	Total (B)	353.55	371.65	387.74	486.42

Source : Tariff Orders

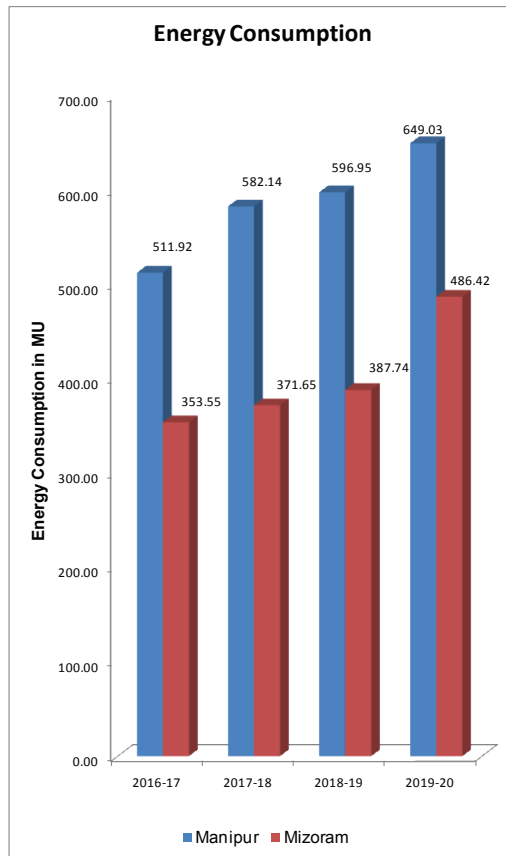


Table-III : Growth of Per Capita Consumption of Electricity (based on energy sold)

Sl. No	Year	Population at the end of DY (No.)	Mid-Year Population (No.)	Energy consumption (MU)	Per Capital Consumption (kWh/head/ annum)
1	2	3	4	5	6
A	MANIPUR				
1	2011-12	2772517	2747137	324.84	118.25
2	2012-13	2824224	2798371	379.06	135.46
3	2013-14	2876896	2850560	415.09	145.62
4	2014-15	2930550	2903723	442.30	152.32
5	2015-16	2985205	2957878	474.98	160.58
6	2016-17	3040879	3013042	511.92	169.90



7	2017-18	3097591	3069235	582.14	189.67
8	2018-19	3155361	3126476	596.95	190.93
9	2019-20	3214208	3184785	649.03	203.79

Note: Population is worked out based on Decadal growth rate of 18.65% as per Census 2011.

A	MIZORAM				
1	2011-12	1115867	1103441	252.06	228.43
2	2012-13	1141286	1128577	286.59	253.94
3	2013-14	1167284	1154285	302.42	262.00
4	2014-15	1193875	1180580	327.21	277.16
5	2015-16	1221071	1207473	339.20	280.92
6	2016-17	1248887	1234979	353.55	286.28
7	2017-18	1277337	1263112	371.65	294.23
8	2018-19	1306435	1291886	387.74	300.13
9	2019-20	1336196	1321316	486.42	368.13

Note: Population is worked out based on Decadal growth rate of 22.78% as per Census 2011.

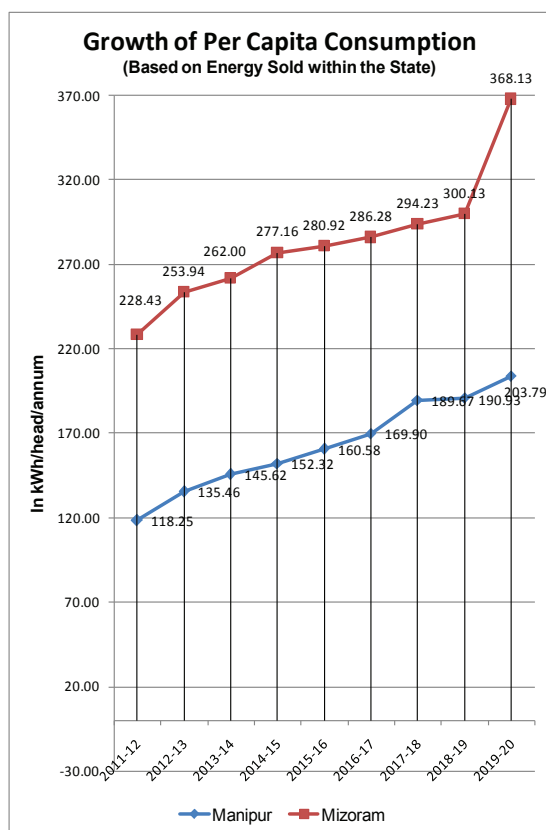
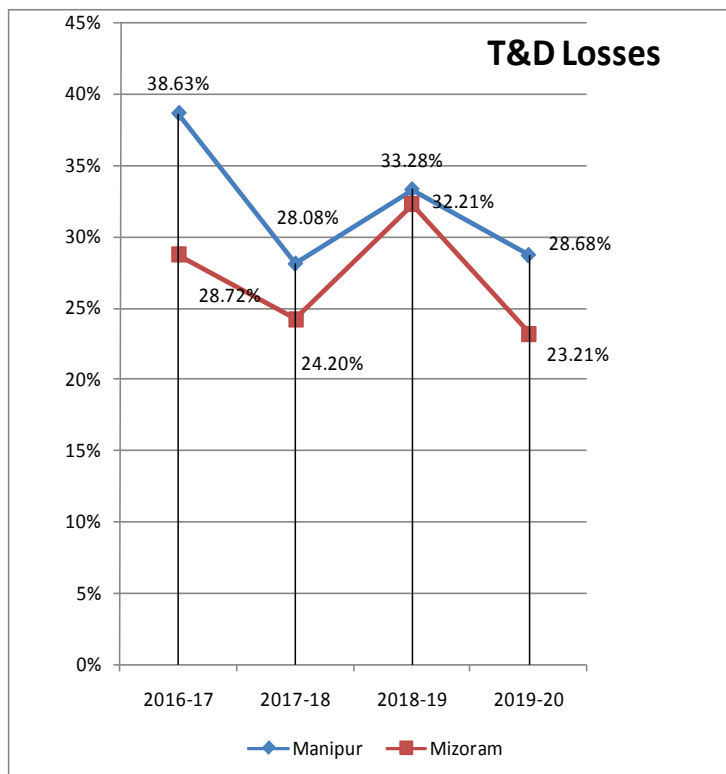
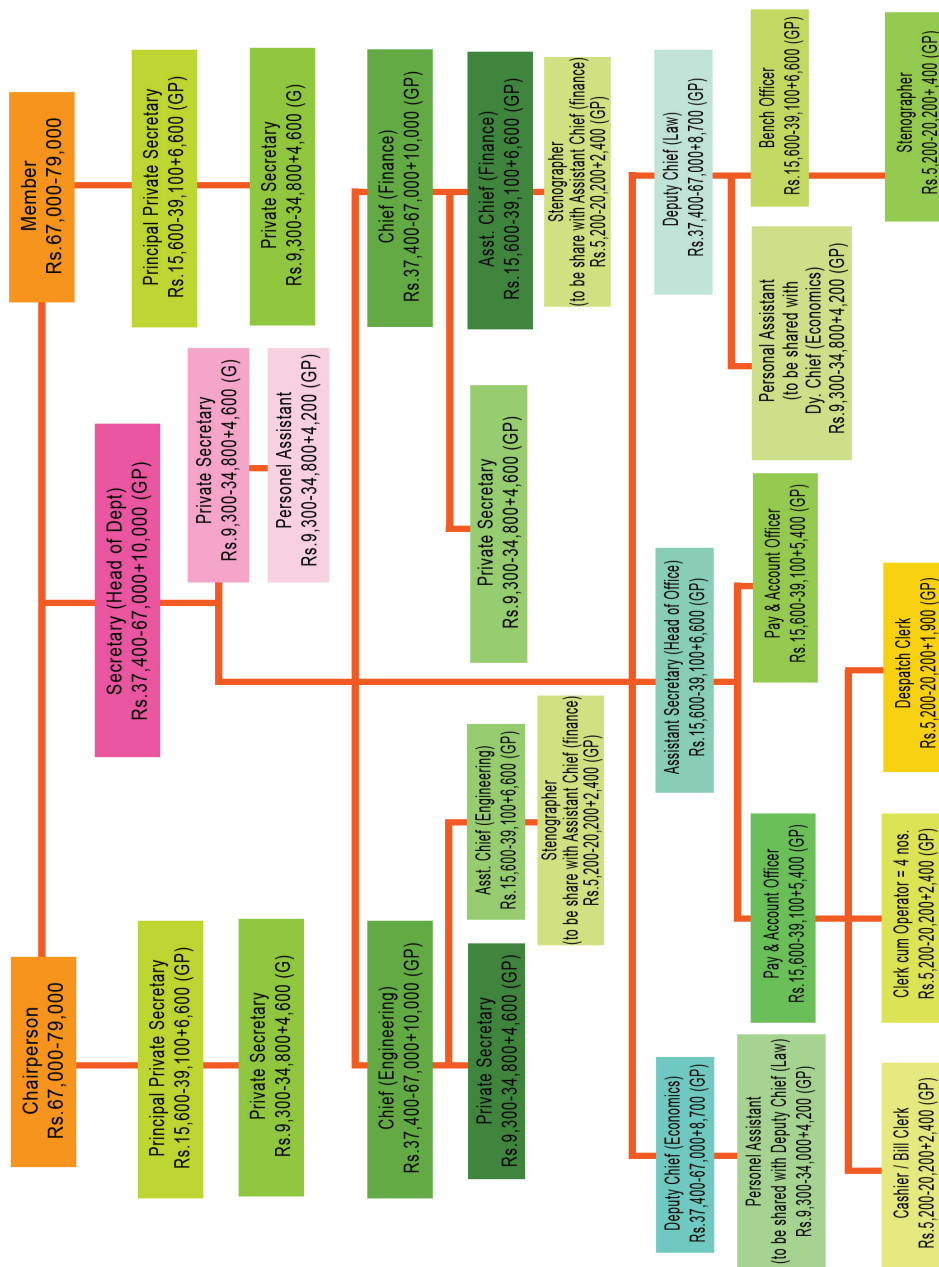


Table-IV: Trend of Transmission & Distribution Losses

Sl. No	Particulars	2016-17	2017-18	2018-19	2019-20
1	2	3	4	5	6
A. MANIPUR					
1	Energy import at State periphery	834.16	809.44	894.76	909.99
2	Energy sold within the State	511.92	582.14	596.95	649.03
3	T&D Losses	322.24	227.30	297.81	260.96
4	Percentage T&D Losses	38.63%	28.08%	33.28%	28.68%
B. Mizoram					
1	Energy import at State periphery	495.99	490.32	571.98	633.41
2	Energy sold within the State	353.55	371.66	387.74	486.42
3	T&D Losses	142.44	118.66	184.24	146.99
4	Percentage T&D Losses	28.72%	24.20%	32.21%	23.21%

Source : Tariff Orders



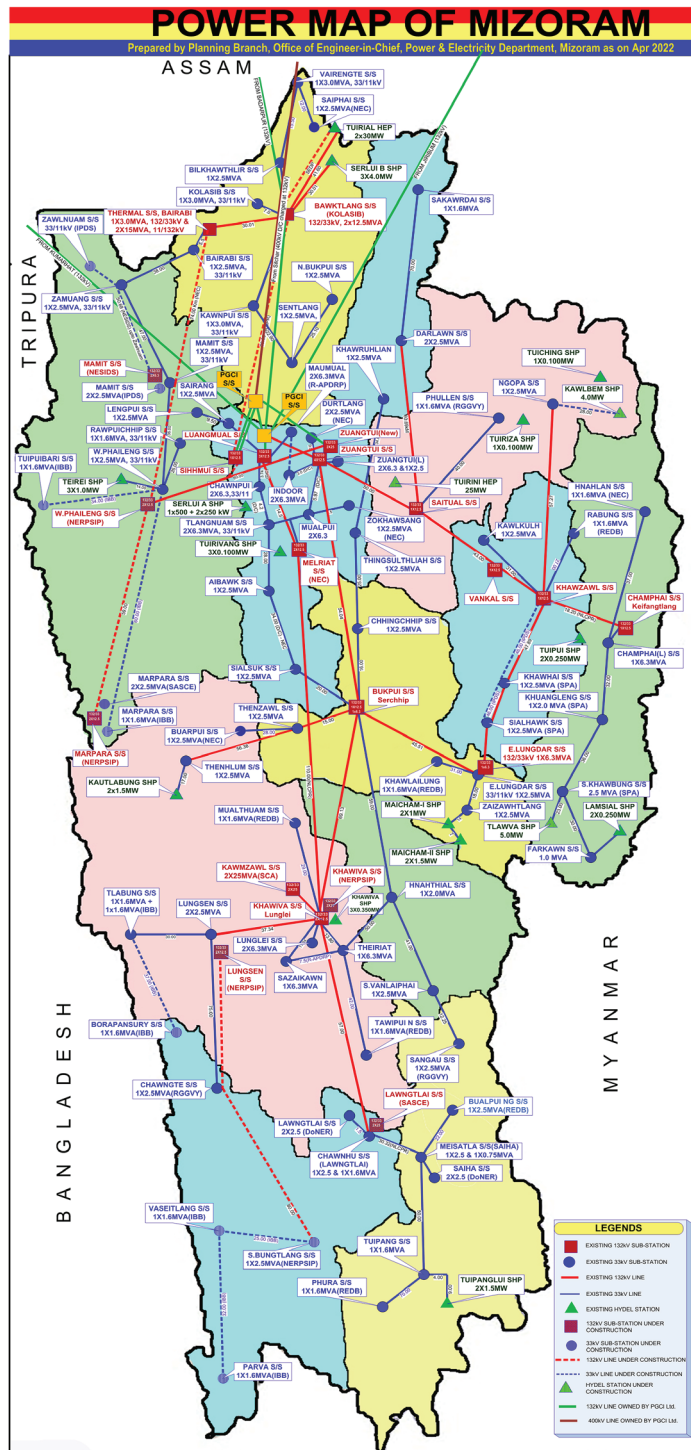


Annexure

TRAINING, SEMINARS AND MEETINGS ATTENDED, 1st APRIL 2019 - 31st MARCH, 2020

Sl. No.	Name and Designation	Particulars of Programme	Duration	Venue
1	Mr. H. Thanthianga, Assistant Chief (Engineering)	National Conference on “Energy Storage”	27th-28th June, 2019	Scope Complex, Lodhi Road, New Delhi
2	Mr. Nangom Sarat Singh, Member	BEEs-Training of trainers programme for middle and senior level officials of DISCOMS of North East Zone (State Arunachal Pradesh) on Demand Side Management and Energy	8th-12th July, 2019	Hotel Classic Grande, Imphal, Manipur
3	Mr. Lalramhlun Puruolte, Private Secretary	Training on Pension and other retirement benefits	19th-23rd August, 2019	ATI, Aizawl
4	Mr. H. Romi Singh, Clerk-cum-Operator	-do-	-do-	-do-
5.	Ms. Lalchanchinmawii, Private Secretary	Refresher Course on office procedure and establishment (Group B&C)	4th – 6th September, 2019	ATI, Aizawl
6	Mr. H. Romi Singh, Clerk-cum-Operator	-do-	-do-	-do-
7	Mr. Moirangthem Surjit, Stenographer	-do-	-do-	-do-
8	Mr. Richard Zothankima, Assistant Secretary	Workshop on Electricity Regulatory Information Access and Analytics Platform (Regulatory Tool)	16th September, 2019	Magnolia Hall Habitat World, India Habitat Centre, Lodhi Road, New Delhi
9	Mrs. Dolly Saidingpuii Sailo, Stenographer	Training on Duties and Responsibilities of Stenographer (Steno II & III)	15th – 17th October, 2019	ATI, Aizawl
10	Ms. Lalramfantluangi, Clerk- cum-Cashier	Workshop on matters relating to Muster Roll Employees (gr. B&C)	17th October, 2019	-do-
11	Mr. Joseph K. Hauzel, Clerk- cum-Operator	-do-	-do-	-do-

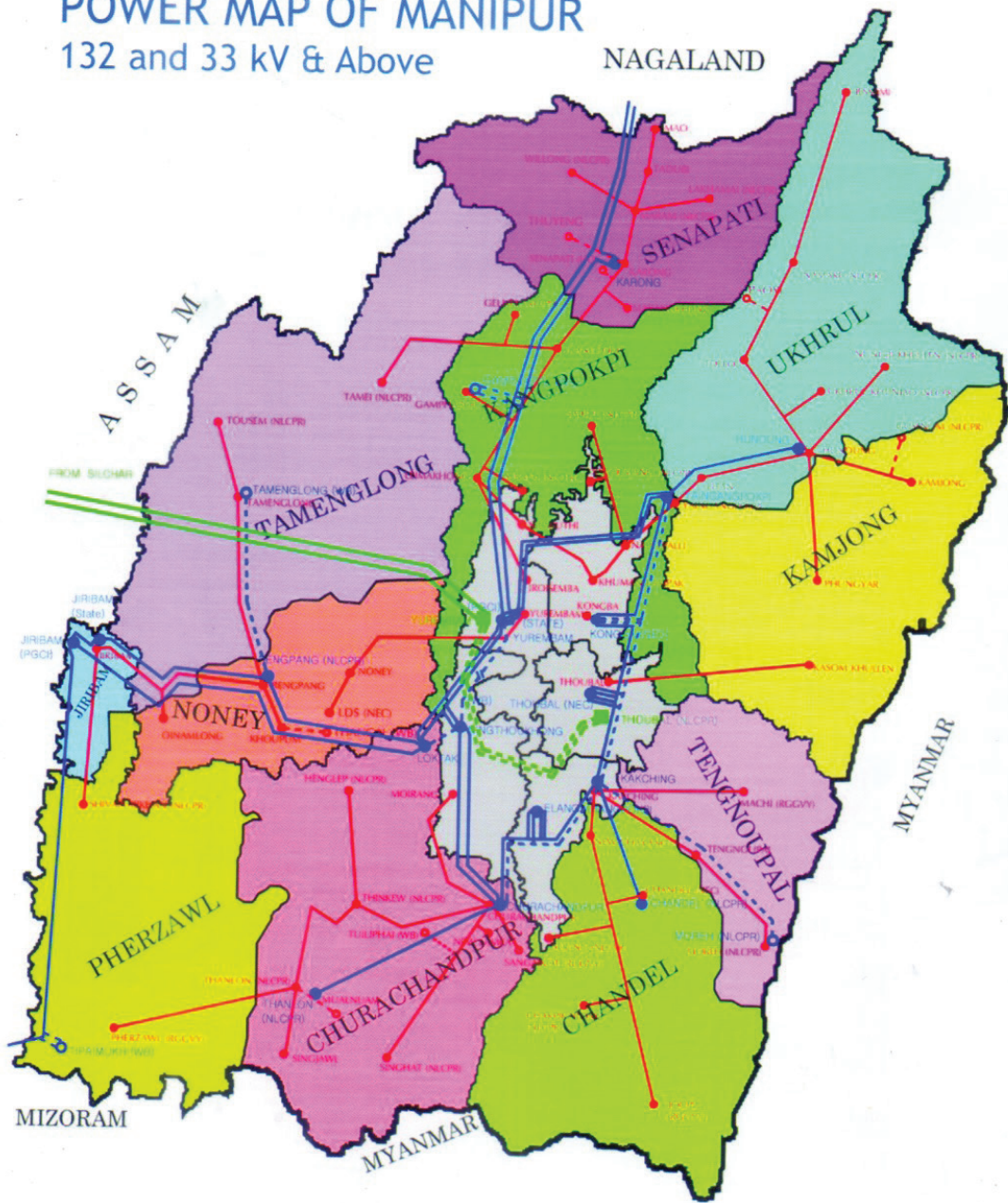
Annexure



Annexure

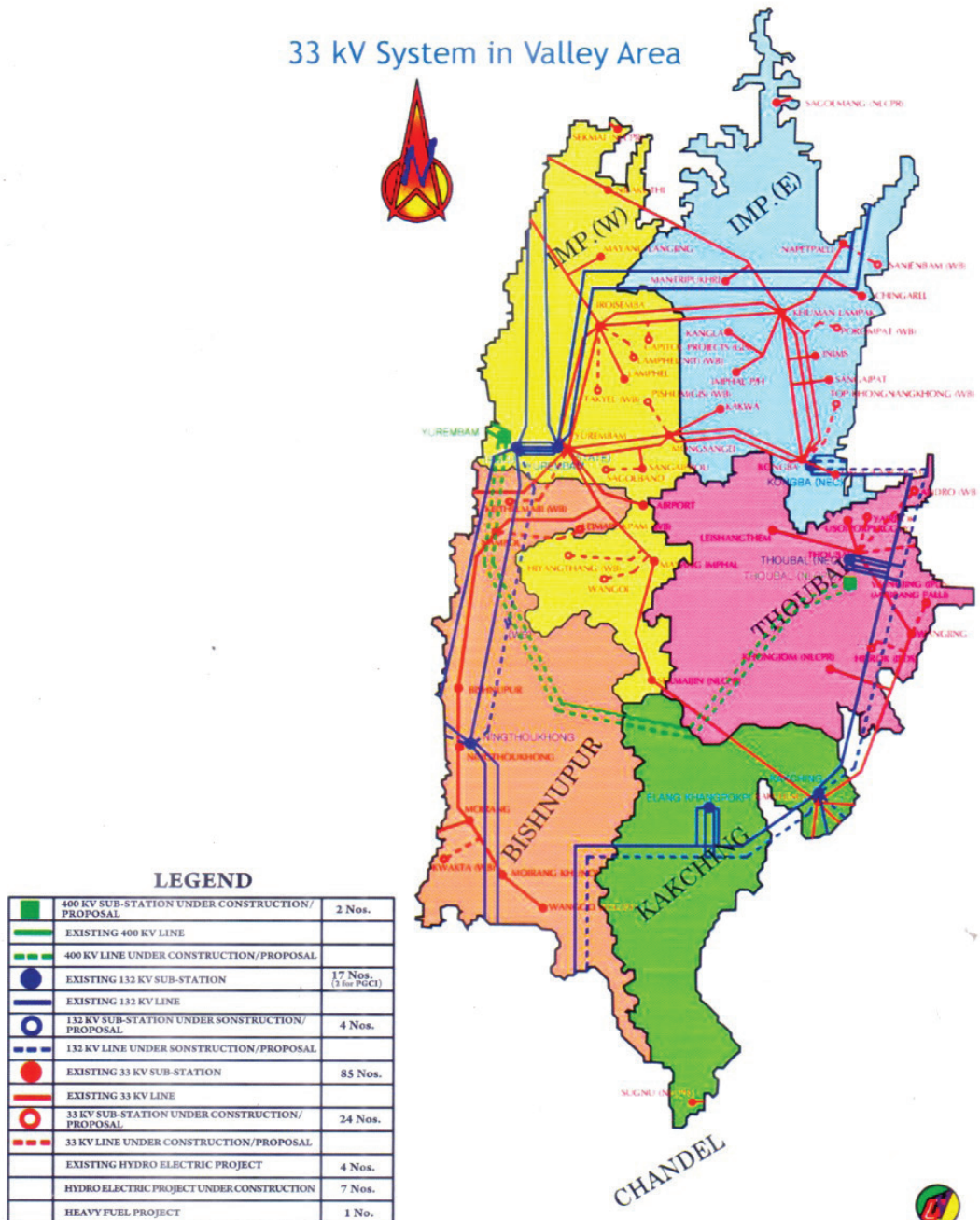
POWER MAP OF MANIPUR

132 and 33 kV & Above



Annexure

33 kV System in Valley Area




24XII2016

Annexure

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



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)
33. Forecasting, Scheduling, Deviation Settlement and Related Matters of Solar and Wind Generation Sources, 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 (Eight 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

— OBITUARY —



MR. NG. SARAT SINGH

s/o. Mr. Ng. Lakpa Singh,
resident of Imphal, Manipur was born on 24th January, 1956.
He passed out B.Sc. Engineer (Electrical) from Kolkata University.

He previously worked as Executive Director under
Manipur State Power Company Limited (MSPCL)
and joined the Commission as Member representing Manipur
on 23rd October, 2017.

He hold the post of Chairperson of the Commission
from 24th January 2020 till his death on 20th November 2020.

He is dedicated and sincere officer
and has made remarkable improvements
in regulating power sector reforms of Manipur and Mizoram.

May his soul rest in peace.

