



# 9<sup>th</sup> ANNUAL REPORT

2016-2017

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



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**9th ANNUAL REPORT**

**2016 – 2017**



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## FOREWORD



I am very happy to place the 9th Annual Report of Joint Electricity Regulatory Commission of the States of Manipur and Mizoram (JERC, M&M) for the year 2016-2017 as mandated under Section 105 of the Electricity Act, 2013. The report gives a summary of the activities of the JERC, M&M during the year and is to be laid before the State Legislature of both Manipur and Mizoram.

JERC, M&M is one of the few Commissions in the Country who has been issuing Tariff Orders in time regularly for the financial benefit of the licensees. For the sixth time the Commission issued tariff orders on 28th Feb, 2017 for the power utilities of both Manipur and Mizoram Governments to be effective from the first day of the next financial year.

The Commission has given top priority to the interests of the Consumers. To create a healthy and conducive atmosphere in the power sector, the Commission followed a consultative process and several public interactive workshops, consumer awareness meetings were conducted at different parts of the States besides the Co-ordination Forum and State Advisory Committee Meetings held by the Commission.

I have the pleasure to mention here that Independent Power Producers Association of India (IPPAI) has awarded JERC, M&M as WINNER being the Most Progressive SERC (NE Region) in their POWER AWARDS 2016.

I take this opportunity to express my gratitude to the Stakeholders for their help & support in the efficient and effective functioning of the JERC, M&M. It is hoped that all the concerned will extend their full support and co-operation to make the Commission perform better in future.

Aizawl, the 9th July, 2018

A handwritten signature in blue ink, appearing to read 'Sarat Singh', with a date '9/7/2018' written below it.

(Ngangom Sarat Singh)  
Chairperson





# 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 23<sup>rd</sup> 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 18<sup>th</sup> 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 24<sup>th</sup> 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 2006. 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



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- 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 2016-17 presents an overview of the Commission's activities during the period from 1<sup>st</sup> April, 2016 to 31<sup>st</sup> March, 2017. As stated earlier, this Commission was established on 24<sup>th</sup> January, 2008. Over these years, the Commission has been making all efforts to translate its vision into reality in the two States and constantly endeavouring for improvement of quality of supply and services to the consumers while maintaining a reasonable and affordable price. In the whole process, co-ordinated support and point specific assistance of State Government and people's cooperation 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 P&E



Department in Mizoram. The P&E Department, Mizoram is known as the Integrated Utility. They take the pledge to improve the power sector as envisaged by the Electricity Act 2003.

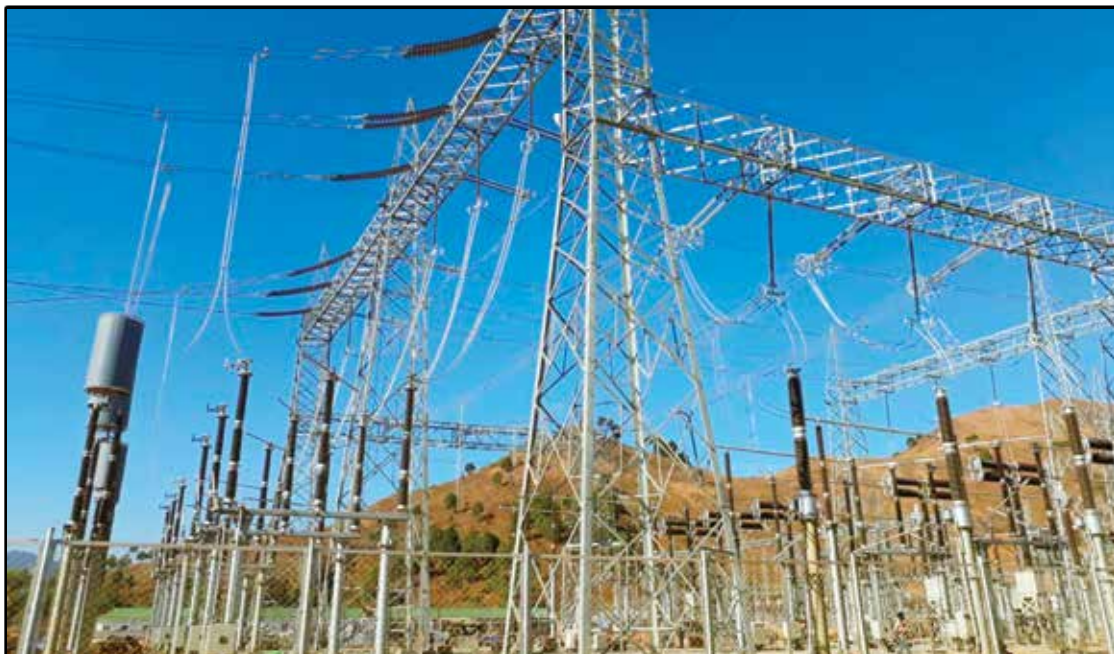
## 6. ORGANIZATION CHART AND STAFF STRENGTH

The Organization Chart showing the details as on 31<sup>st</sup> march, 2016, 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 – I. 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 also accessible through its website: [www.jerc.mizoram.gov.in](http://www.jerc.mizoram.gov.in) and has e-mail of [jerc.mm@gmail.com](mailto:jerc.mm@gmail.com).



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## CHAPTER – II

### ACTIVITIES OF THE COMMISSION

#### 1. CONSTITUTION OF THE STATE ADVISORY COMMITTEE

The Electricity Act, 2003 on Section 87. (State Advisory Committee):-

- 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 II (A) and (B) 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 2016-17, the Commission organized 2(two) meetings, 1 (one) for Manipur and 1 (one) for Mizoram in both State Capitals as stated below:

### Manipur

- 17<sup>th</sup> Meeting of SAC, Manipur was held on 13<sup>th</sup> February, 2017 at Hotel Classic Regency Hall, Imphal. The following agenda were discussed:
  1. Confirmation on the Minutes of the 16<sup>th</sup> Meeting of the SAC, Manipur held on 18<sup>th</sup> February, 2016
  2. Determination of Retail Tariff for MSPDCL and Transmission Tariff for MSPCL, Manipur



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3. Review of Progress of various works in Manipur under Manipur State Power Distribution Company Ltd. and Manipur State Power Company Ltd.
4. T&D Loss

## **Mizoram**

- 19<sup>th</sup> Meeting of SAC, Mizoram was held on 8<sup>nd</sup> February, 2017 at I&PR Conference Hall, Treasury Square, Aizawl, Mizoram. The following agenda were discussed:
  1. Confirmation on the Minutes of the 18th Meeting of the SAC Mizoram held on 15th February, 2016
  2. Determination of Tariff for Power & Electricity Department, Mizoram for FY 2017-2018.
  3. T&D Loss.

## **3. STATE CO-ORDINATION FORUM & ITS ACTIVITIES**

No meeting was held during the year due to absence of Member. The notifications issued for constitution of the forum are at Annexure III & IV.

## **4. ORGANIZING INTERACTIVE WORKSHOP ON CONSUMER AWARENESS**

Under Electricity Act, 2003, the Commission is mandated to safeguard the interests of the State consumers and ensure that all consumers are provided with reliable, safe and uninterrupted power supply at reasonable rates. The Electricity Act 2003 also provides wide ranging provisions to protect the interest of consumers. It gives electricity consumers a statutory right if minimum standards of supply and service. The Commission's approach to consumer protection has been proactive from the inspection and in order to fulfil its legal obligation, the Commission has undertaken a number of steps to empower electricity consumers. In the interest of the consumers who are yet to realize that their interests and expectations are well protected by the EA 2003 and relevant Regulations, the Commission organized series of Interactive Workshop on "Electricity Consumers Awareness" at suitable public places in Manipur and Mizoram in association with the Service Provider, Journalists, Consumers' Union, Intellectual circle, Senior Citizens and other voluntary organizations and through its empanelled organizations.

The Commission contemplated to keep up the same tempo for another couple of years so that the consumers could gain the basic knowledge of power supply management.

Accordingly, the Commission Jointly with MSPDCL, Manipur conducted 4 (four) workshops as given below:

### **Manipur**

1. Imphal on 29th June 2016
2. Moirang on 11<sup>st</sup> July 2016
3. Kwakta on 13<sup>rd</sup> July 2016
4. Bishenpur on 15<sup>th</sup> July 2016

## **5. TARIFF ORDERS**

For the sixth time, the Commission issued tariff order for FY 2017-18 on 28<sup>th</sup> February, 2017 for the Manipur State Power Company Limited (MSPCL), Manipur State Power Distribution Company Limited (MSPDCL) and Power & Electricity Department, Government of Mizoram respectively. The tariff orders shall remain effective for 1.4.2017 till the next tariff orders are issued.

## **6. 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 Forum 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. 100,000.00, for the 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 2016-2017.

## **7. 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 authorised 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.**

## **8. REGULATORY DISPUTES**

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

## **9. 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 and directed the State Power Departments 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.

## **10. 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. L.Pachhuau, 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.

## 11. 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, Manipur State Power Company Limited (MSPCL) and Manipur State Power Distribution Company Limited (MSPDCL) 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 as and when felt necessary
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

## 12. 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.

### **13. 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.

### **14. 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.

This society will be called “Manipur State Load Despatch Centre” and will be registered under Manipur Societies Registration Act. A copy of the notification is at Annexure V.

## 15. ACHIEVEMENT OF THE COMMISSION



The Independent Power Producers Association of India has awarded the Commission as the **Most Progressive State Electricity Regulatory Commission for North East Region** at the 17th Regulators & Policymakers retreat on 24th September 2016.



## 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 – VI.

### 2. ACCOUNTS OF THE COMMISSION

The Commission received fund as Grant-in-Aid amounting to Rs 39,032,212.00/- from the State Governments of Manipur and Mizoram for utilization during April, 2015 to March, 2017.

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

#### Details Receipts and Payments accounts for the month of April 2016 – March 2017 (GIA)

S/N	RECEIPTS	Amount (Rs)	S/N	PAYMENTS	Total Amount drawn (Rs)	Adjustment in reduction of Expenditure	Actual Expenditure (Rs)
	To -			By -			
1	Opening Balance		1	Advertisement & Publicity	276,100.00		276,100.00
	i) On Current a/c	11,365,529	2	Bonus/ CEA	200,581.00		200,581.00
	ii) Cash in hand	50,000	3	Books	1,660.00		1,660.00
2	Transfer from Receipt Ac on 31.1.17 (for excess transferred refund)	50,000	4	Consultancy	2,388,000.00		2,388,000.00
			5	Electricity & Power	28,363.00		28,363.00
			6	Expenses on Fees	182,250.00		182,250.00
			7	Furniture & Fixtures	136,662.00		136,662.00
3	Loans from Receipt Acc on 30.1.17	3,170,683	8	Insurance	82,335.00		82,335.00
			9	Leave Travel Concession	322,714.00	6,253.00	316,461.00
			10	Machinery & Equipment	278,580.00		278,580.00
			11	Medical Reimbursement	1,464,606.00		1,464,606.00
4	GIA received from Govt. of Manipur during the year	12,198,000	12	Motor Vehicle			0.00
			13	Newspapers & Periodicals	47,751.00		47,751.00
			14	Other Office Expenses	264,960.50		264,960.50
5	GIA received from Govt. of Mizoram on during the year	12,198,000	15	Pension & Leave Salary contribution	225,654.00		225,654.00
			16	Petroleum Oil & Lubricants	456,688.00		456,688.00



			17	Postage	23,648.00		23,648.00
			18	Printing	161,290.00		161,290.00
			19	Repair & Maintenance			0.00
				i. Building			0.00
				ii. Furniture & Fixtures (F&F)	32,000.00		32,000.00
				iii. Machinery & Equipment (M&E)	76,710.00		76,710.00
			20	Retirement & Terminal Benefit	185,078.00		185,078.00
			21	Seminar & Workshop	3,110,773.00	1,265,595.00	1,845,178.00
			22	Stationery	152,488.00		152,488.00
			23	Subscription Fee	808,750.00		808,750.00
			24	Telephone & Communication	354,966.00	5.00	354,961.00
			25	Travelling Expenses (Domestic)	1,519,886.00	97,150.00	1,422,736.00
			26	Vehicle Running & Maintenance	327,261.00		327,261.00
			27	Wages	2,154,050.00		2,154,050.00
			28	Pay and Allowances :			0.00
				I. Chairperson & Member	1,716,393.00		1,716,393.00
				i. License Fee	6,050.00		6,050.00
				II. Officers & Staff	11,733,033.00		11,733,033.00
				Remittance :-			0.00
				i. GPF	585,186.00		585,186.00
				ii. IF	3,360.00		3,360.00
				iii. SF	1,440.00		1,440.00
				iv. License Fee	4,800.00		4,800.00
				v. NPS Contribution	913,297.00		913,297.00
				vi. NPS Matching Share	913,297.00		913,297.00
			29	Recovery of Internal loans	3,170,683.00		3,170,683.00
				Total Payment	34,311,343.50	1,369,003.00	32,942,340.50
				Bank Balance			6,089,871.50
				Cash Balance			0.00
				<b>GRAND TOTAL</b>	<b>39,032,212</b>		
				<b>GRAND TOTAL</b>	<b>34,311,343.50</b>		<b>39,032,212.00</b>

### 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 –XI.

## CHAPTER – IV

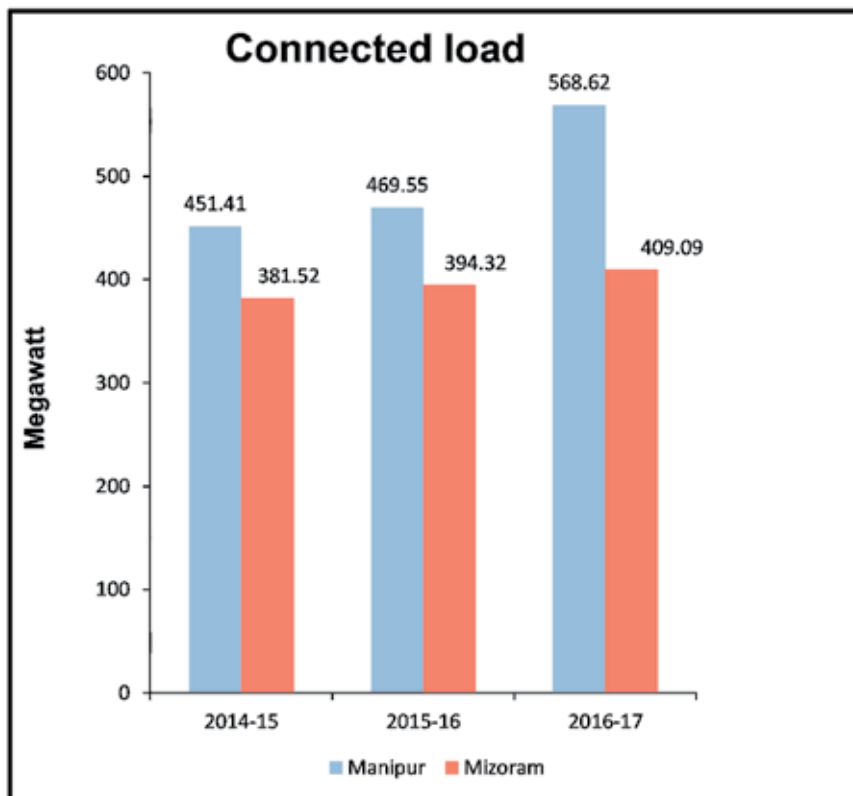
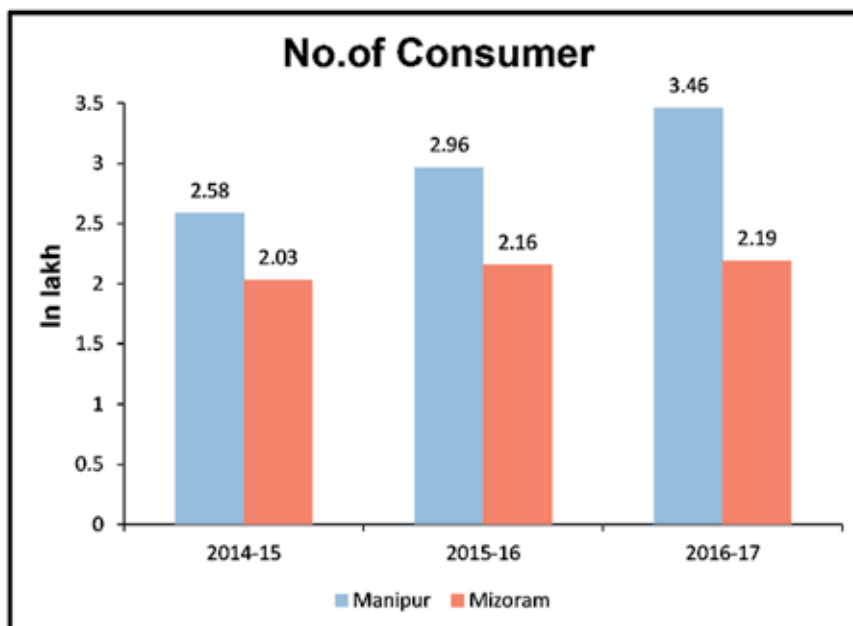
### BASIC ELECTRICITY STATISTICS

**Table-I: Category wise Consumers and Connected load  
MANIPUR**

S/N	Category	2014-15		2015-16		2016-17	
		No. of Consumer	Connected Load	No. of Consumer	Connected Load	No. of Consumer	Connected Load
			(kW)		(kW)		(kW)
1	2	3	4	5	6	7	8
1	Domestic	242562	317523	279194	332294	328131	423525
2	Commercial	12100	33837	13439	34897	14153	43398
3	Public Lighting	469	1016	483	1027	441	1064
4	Public Water Works	172	20303	175	19851	180	21376
5	Irrigation and agriculture	63	1035	63	1131	64	978
6	Small Industry	2308	16404	2280	16914	2317	17688
7	Medium Industry	81	8096	74	8381	73	7319
8	Large Industry	23	2433	23	2321	25	3361
9	Bulk Supply	694	50758	730	52732	710	49914
	<b>Total</b>	<b>258472</b>	<b>451405</b>	<b>296461</b>	<b>469548</b>	<b>346094</b>	<b>568623</b>

### MIZORAM

S/N	Category	2014-15		2015-16		2016-17	
		No. of Consumer	Connected Load	No. of Consumer	Connected Load	No. of Consumer	Connected Load
			(kW)		(kW)		(kW)
1	2	3	4	5	6	7	8
1	Domestic	189312	270971	198520	274477	200365	282334
2	Commercial	11985	43435	14400	51372	16350	56523
3	Public Lighting	803	1620	1524	1609	1259	1046
4	Irrigation and agriculture	21	104	21	104	21	105
5	Public Water Works	49	36001	57	37723	58	38443
6	LT Industrial	777	5859	875	4842	783	4152
7	HT Industrial	18	10646	21	9848	18	8853
8	Bulk Supply	159	12882	152	14346	147	17636
	<b>Total</b>	<b>203124</b>	<b>381518</b>	<b>215570</b>	<b>394321</b>	<b>219001</b>	<b>409092</b>

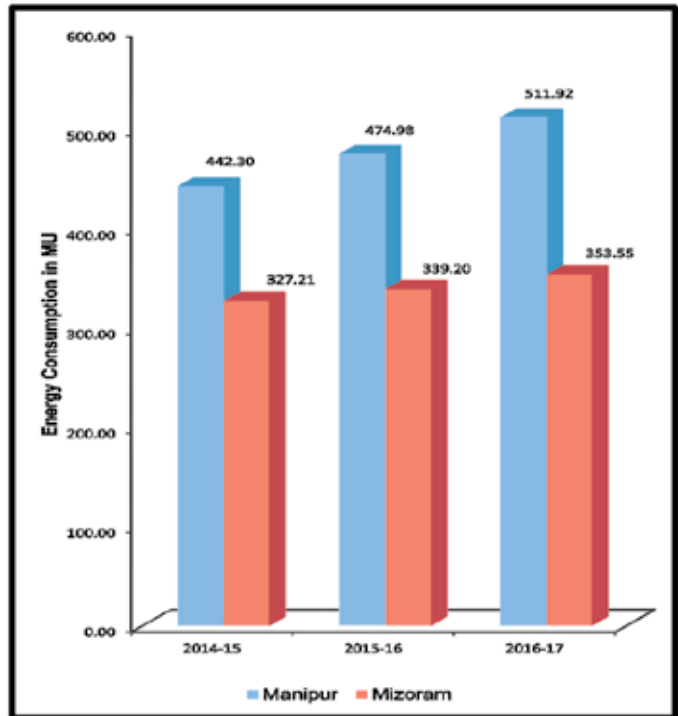


**Table-II : Growth of Energy Consumption****Figures in MU**

S/N	Category	2014-15 (Actual)	2015-16 (Actual)	2016-17 (Actual)
1	2	3	4	5
<b>A.</b>	<b>Manipur</b>			
1	Domestic	256.64	298.85	322.10
2	Commercial	35.83	39.84	42.94
3	Public Lighting	4.40	4.13	4.45
4	Public Water Works	16.99	16.69	17.99
5	Irrigation and Agriculture	2.41	1.78	1.92
6	Small Industry	18.13	16.20	17.46
7	Medium Industry	2.79	3.14	3.38
8	Large Industry	8.22	4.48	4.82
9	Bulk Supply	96.86	89.75	96.73
10	Temporary Power Supply	0.03	0.12	0.13
	<b>Total(A)</b>	<b>442.30</b>	<b>474.98</b>	<b>511.92</b>
<b>B.</b>	<b>Mizoram</b>			
1	Domestic	217.79	222.27	238.31
2	Commercial	34.01	37.48	33.87
3	Public Lighting	7.20	6.50	4.89
4	Public Water Works	46.68	49.19	49.96
5	Irrigation and Agriculture	0.04	0.05	0.27
6	Industrial(LT)	1.87	1.97	1.64
7	Industrial(HT)	6.77	7.20	8.83
9	Bulk Supply	12.48	14.13	15.28
10	Temporary Power Supply	0.37	0.41	0.50
	<b>Total(B)</b>	<b>327.21</b>	<b>339.20</b>	<b>353.55</b>

*Source : Tariff Orders*

## Energy Consumption



Serlui 'B' – 3x4 MW Hydel Electric Generating Station, Mizoram

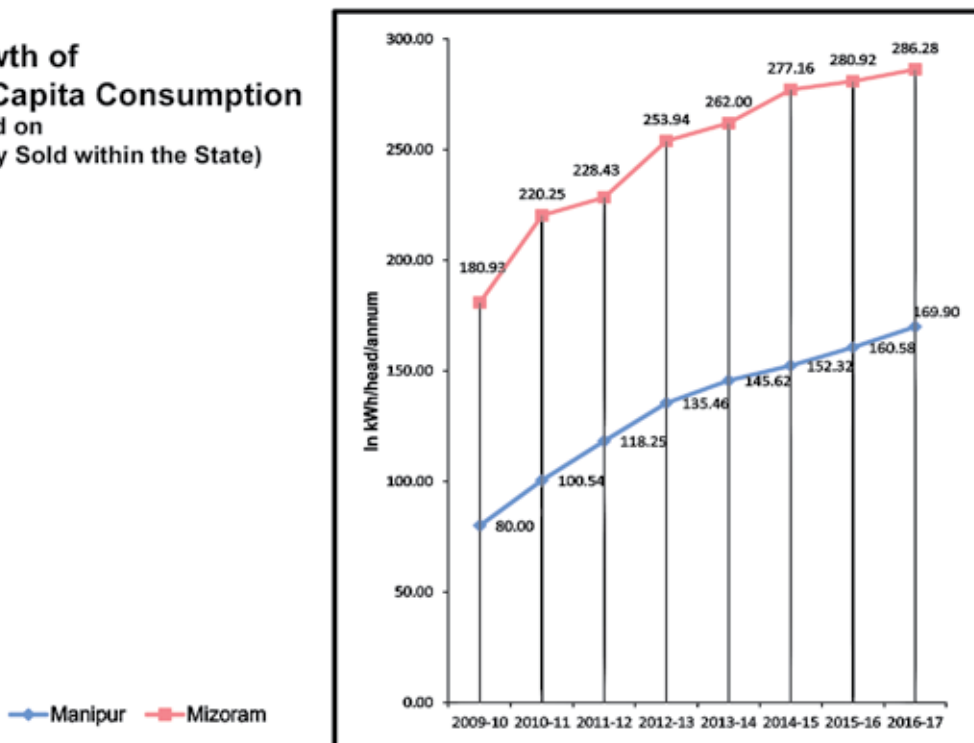
**Table-III : Growth of Per Capita Consumption of Electricity  
(based on energy sold)**

S/N	Year	Population at the end of FY (No.)	Mid-Year Population (No.)	Energy consumption (MU)	Per Capita Consumption (kWh/head/annum)
<b>A.</b>	<b>Manipur</b>				
1	2009-10	2670995	2646088	211.69	80.00
2	2010-11	2721756	2696376	271.10	100.54
3	2011-12	2772517	2747137	324.84	118.25
4	2012-13	2824224	2798371	379.06	135.46
5	2013-14	2876896	2850560	415.09	145.62
6	2014-15	2930550	2903723	442.30	152.32
7	2015-16	2985205	2957878	474.98	160.58
8	2016-17	3040879	3013042	511.92	169.90
16.65%					
<b>B.</b>	<b>Mizoram</b>				
1	2009-10	1066161	1054018	190.70	180.93
2	2010-11	1091014	1078588	237.56	220.25
3	2011-12	1115867	1103441	252.06	228.43
4	2012-13	1141286	1128577	286.59	253.94
5	2013-14	1167284	1154285	302.42	262.00
6	2014-15	1193875	1180580	327.21	277.16
7	2015-16	1221071	1207473	339.20	280.92
8	2016-17	1248887	1234979	353.55	286.28
22.76%					



*2x12.5 MVA, 132/33KV Sub-Station at Sihhmui, Mizoram*

**Growth of  
Per Capita Consumption**  
(Based on  
Energy Sold within the State)

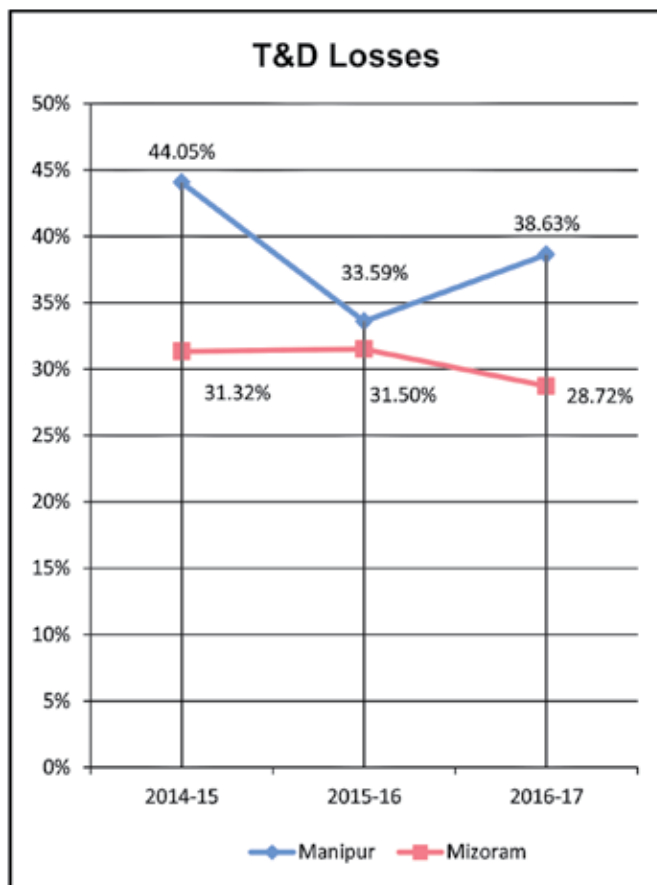


**Table-IV : Trend of Transmission & Distribution Losses**

S/N	Particulars	2014-15	2015-16	2016-17
1	2	3	4	5
<b>A.</b>	<b>Manipur</b>			
1	Energy import at State periphery	790.55	715.23	834.16
2	Energy sold within the State	442.30	474.98	511.92
3	T&D Losses	348.25	240.25	322.24
4	Percentage T&D Losses	44.05%	33.59%	38.63%
<b>B.</b>	<b>Mizoram</b>			
1	Energy import at State periphery	476.45	495.20	495.99
2	Energy sold within the State	327.21	339.20	353.55
3	T&D Losses	149.24	156.00	142.44
4	Percentage T&D Losses	31.32%	31.50%	28.72%

Source : Tariff Orders





Meeting at Imphal, Manipur



## CHAPTER – V

### REGULATORY PROCEDURES

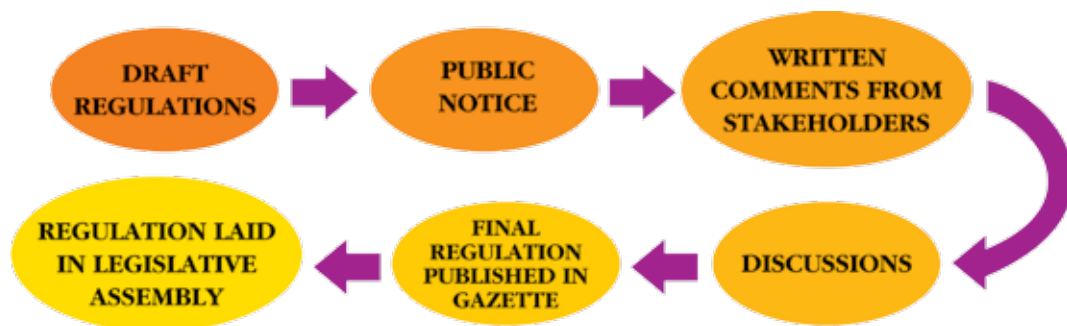
The Commission in discharge of its functions under the provisions of the Electricity Act, 2003:

1. Notifies Regulations
2. Issues orders on petitions relating to
  - Determination of different tariff of electricity.
  - Grant of license
  - Review and miscellaneous petitions.

#### 5.1.Procedure for Regulations

The Commission follows a detailed and transparent process before issuing a Regulation. To start with a draft regulation is developed on the issue on which it is proposed to be made.

The draft regulation is then given wide publicity through electronic and print media inviting comments and suggestions from stakeholders. On receipt of the comments, the issues are discussed thread bare. As per the requirement of the Act, the drafts Regulations then undergo the process of 'Previous Publication'. This implies that the drafts Regulations are published for comments from the stakeholders. It is only after receipt and consideration of the comments that the Regulations are finally published/notified in the Gazette of Manipur and Mizoram.



## 5.2.Procedure for orders on petitions

Petitions/Applications are made before the Commission primarily for

- Retailed Tariff determination
- Tariff determination for generation and transmission;
- Grant of license for intra-state trading in electricity.

Apart from the above, the following petitions/applications can also be filed before the Commission:-

- Miscellaneous Petition
- Review Petition

The applicant file with the Commission petitions along with prescribed fee. The applicants are also required to publish their application on their website and give notice in newspapers inviting objections and suggestions from the public. Thereafter, public hearing are held where the petitioners and the respondents argue their case before the Commission. The Commission passes final orders on the petition after hearing all concerned. The petitioners and the respondents are allowed under the law to file for review before the Commission or appeal against the orders of the Commission before the Appellate Tribunal for Electricity within specified period.

## 5.3.Process and Principles of Tariff Determination

Prior to the creation of the Commission, the tariff were being determined by the Governments of Manipur and Mizoram through specific notification. As per the requirement of the Act, the determinations of tariff inter-alia are now entrusted to its Commission. In order to discharge this task, the Commission was required to finalize terms & conditions of tariff. After going through transparent process of views and comments of all stakeholders, the Commission finalized and notified Terms & Conditions of Tariff.

The tariff is determined as per the Regulations on Terms and Conditions of Tariff as applicable from time to time. The terms and conditions contain the financial norms and technical norms. The tariff is usually called the cost plus tariff because the capital cost of the project is the starting point for tariff calculations. It would be more appropriate to call it regulated tariff because other than actual capital expenditure, most of the financial & technical parameters adopted for tariff are normative and not actual.

The tariff calculation are quite elaborate, as various elements going into the tariff are computed individually to arrive at the full tariff. The retailed tariff shall be different for different categories of consumers based on the subsidy provided by the State

Governments. The tariff shall be different for each generating station also depending on its admitted capital cost, base fuel price & Gross Calorific Value (GCV) and applicable norms of efficient operation. The exercise is time consuming but essential to ensure that the distribution, transmission and generators function in an efficient and economic manner and do not misuse their dominant position to extract high prices from the buying utilities.

The Commission also utilises the consultancy services of the Administrative Staff College of India, Hyderabad in the finalisation of the retail Tariff determination of the Power Utilities of Manipur and Mizoram.

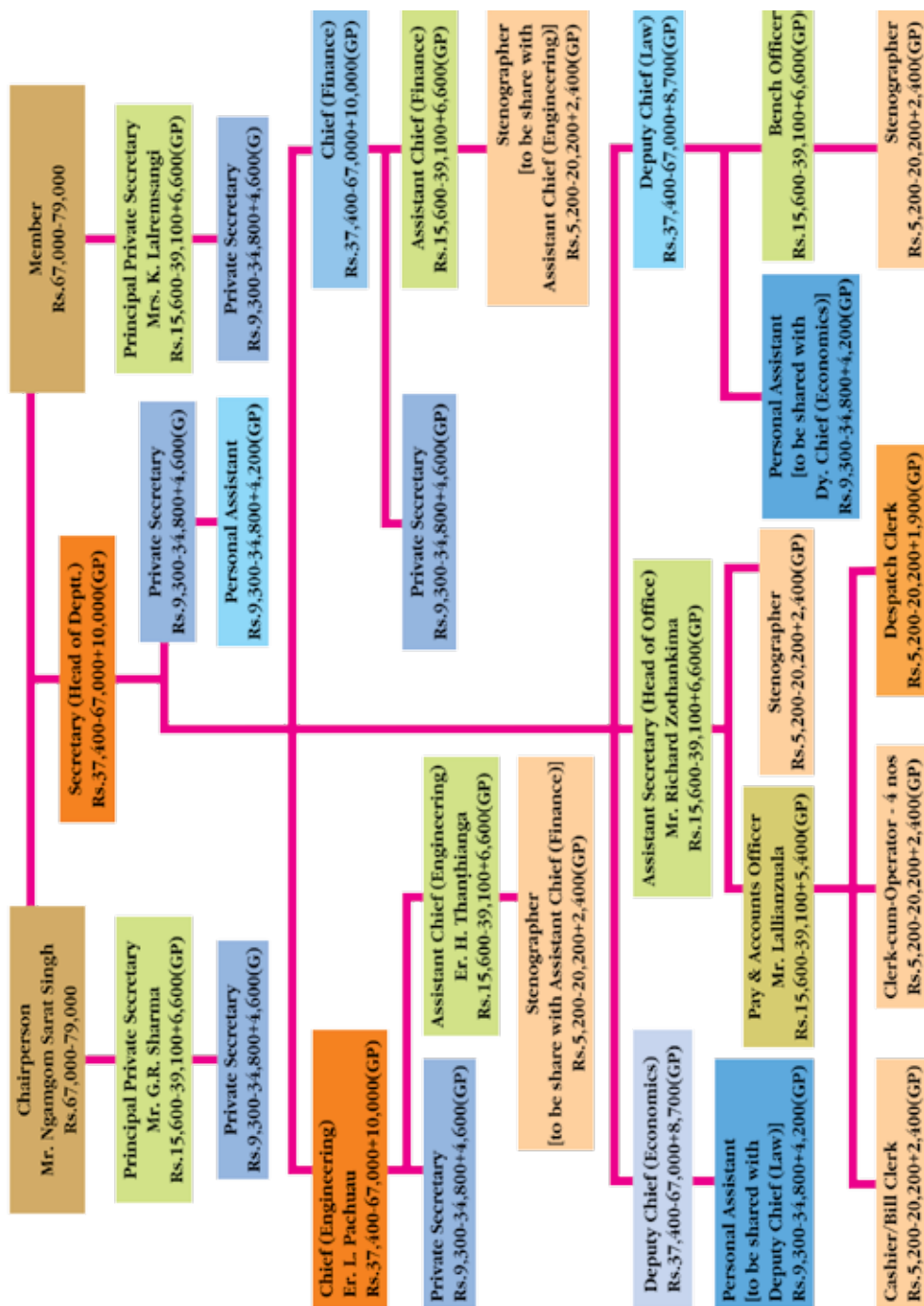


*SLDC Office of P&E Department, Aizawl, Mizoram*



*SLDC of Manipur at Yurembam*

# ORGANISATION CHART OF Joint Electricity Regulatory Commission for Manipur and Mizoram



**Annexure – II (A)****N O T I F I C A T I O N**Dated Aizawl, the 1<sup>st</sup> February, 2017

No. H. 11019/3/08-JERC: In pursuance of Section 87 of the Electricity Act, 2003 and provisions under the Joint Electricity Regulatory Commission for Manipur and Mizoram (Constitution of State Advisory Committee and its Functions) Regulations, 2010, the Joint Electricity Regulatory Commission for Manipur and Mizoram hereby reconstitutes the State Advisory Committee for the State of Mizoram with the following composition. The term of the Committee shall be for a period of 2 (two) years with effect from the date of issue of this Notification.

- |     |   |   |   |   |                     |
|-----|---|---|---|---|---------------------|
| 1.  | Chairperson, JERC for Manipur and Mizoram                           | — | — | — | Ex-officio Chairman |
| 2.  | Member, JERC for Manipur and Mizoram                                | — | — | — | Ex-officio Member   |
| 3.  | Secretary, Food, Civil Supplies and Consumer Affairs Department     | — | — | — | Ex-officio Member   |
| 4.  | Secretary, Power & Electricity Department                           | — | — | — | Member              |
| 5.  | Engineer-in-Chief, PHE Department                                   | — | — | — | Member              |
| 6.  | Director, Commerce & Industries Department                          | — | — | — | Member              |
| 7.  | Commissioner, Aizawl Municipal Corporation                          | — | — | — | Member              |
| 8.  | Director, Zoram Electricity Development Agency                      | — | — | — | Member              |
| 9.  | President, Mizoram Chamber of Industries and Commerce               | — | — | — | Member              |
| 10. | President, Mizoram Consumers' Union<br>Gen. Hqrs, Aizawl            | — | — | — | Member              |
| 11. | President, Mizoram Hmeichhia Insuihkhawm<br>Pawl, Gen. Hqrs, Aizawl | — | — | — | Member              |
| 12. | President, Central Young Mizo Association                           | — | — | — | Member              |
| 13. | President, All Mizoram Farmers' Union<br>Gen. Hqrs. Aizawl          | — | — | — | Member              |
| 14. | President, Mizoram Upa Pawl<br>Gen. Hqrs. Aizawl                    | — | — | — | Member              |

- |   |   |   |   |   |   |   |                  |
|---|---|---|---|---|---|---|------------------|
| 15. Er. F. Rualzakhuma, Rtd. C.E.               | — | — | — | — | — | — | Member           |
| Power & Electricity Department                  |   |   |   |   |   |   |                  |
| 16. Prof. H. Lalramnghinglova                   | — | — | — | — | — | — | Member           |
| Department of Env. Sciences, Mizoram University |   |   |   |   |   |   |                  |
| 17. Director, Transport Department              | — | — | — | — | — | — | Member           |
| 18. Director, LAD                               | — | — | — | — | — | — | Member           |
| 19. President, Mizoram Journalists' Association | — | — | — | — | — | — | Member           |
| 20. Prof. (Rtd.) Tlanglawma                     | — | — | — | — | — | — | Member           |
| C-44, Khatla Bethel, Khatla, Aizawl.            |   |   |   |   |   |   |                  |
| 21. Secretary, JERC for Manipur and Mizoram     | — | — | — | — | — | — | Member Secretary |

By Order of the Commission  
 Sd/- **RICHARD ZOTHANKIMA**  
 Assistant Secretary

**Annexure – II (B)****N O T I F I C A T I O N**

Dated Aizawl, the 26th October, 2015

No. H. 11019/3/08-JERC : In pursuance of Section 87 of the Electricity Act, 2003 and provisions under the Joint Electricity Regulatory Commission for Manipur and Mizoram (Constitution of State Advisory Committee and its Functions) Regulations, 2010, the Joint Electricity Regulatory Commission for Manipur and Mizoram hereby reconstitutes the State Advisory Committee for the State of Manipur with the following composition. The term of the Committee shall be for a period of 2 (two) years with effect from the date of issue of this Notification.

1. Chairperson, JERC for Manipur and Mizoram — — — Ex-officio Chairman
2. Member, JERC for Manipur and Mizoram Secretary — — Ex-officio Member
3. Consumer Affairs, Food and Civil Supplies— — — Ex-officio Member  
Department, Govt. of Manipur
4. Director, Industries Department, Govt. of Manipur — — Member
5. Director, Manipur Renewable Energy Development— — Member  
Agency (MANIREDA), Second Floor, Secured Office,  
2nd MR Gate, North AOC, Imphal, Manipur – 795001
6. Director, Agriculture Department, Govt. of Manipur— — Member
7. Dr. Ch. Ibohal Meitei, Professor — — — Member  
Manipur Institute of Management Studies  
Manipur University, Canchipur - 795003
8. Dr. L. Sadananda Singh, General Secretary— — — Member  
Senior Citizens for Society, Singjamei Mathak  
Chongtham Leikai, Imphal
9. Mr. Elangbam Dolendra Singh, Advisor — — — Member  
All Manipur Power Consumers' Association  
Wangkhei Meihoupham, Lampak, Imphal
10. Mr. Irengbam Arun, Senior Journalist— — — Member  
All Manipur Working Journalists' Union  
Manipur Press Club Building, Majorkhul, Imphal



11. Mr. S. Rishikumar Singh, — — — — — Member  
President, All Manipur Entrepreneurs' Association  
Takyel Industrial Estate, Imphal
12. President, Consumers' Club, Manipur— — — — — Member  
Paona Bazar, Diamond Gali, Imphal West-1
13. Dr. Chongtham Narendra Singh (Advocate), — — — — — Member  
Former President, District Consumer Redressal Forum (Imphal),  
Keisamthong Top-Leirak, Imphal - 795001
14. Mr. G. Khupchinpau (Advocate),— — — — — Member  
New Lamka, Churachandpur District, Manipur
15. Mr. Dili, Social Worker — — — — — Member  
Karong Village, Senapati District, Manipur
16. Mr. S.K. Sunny Lamkang, Social Worker — — — — — Member  
Daapi Village, Chandel District, BPO Chandel, Manipur
17. Mr. Basantakumar Wareppa, Programme Executive — — — — — Member  
Human Right Alert, Kwakeithel Thiyam Leikai, Imphal
18. Mrs. Shijagurumayum Sadhana Devi, — — — — — Member  
Member, District Consumer Redressal Forum (Bishnupur)  
Moirankhom, Imphal - 795001
19. Dr. M. Binota Devi, Associate Professor, — — — — — Member  
Department of Economics, Imphal College, Imphal - 795001
20. Dr. Lucy Jajo Symrey, Associate Professor,— — — — — Secretary  
Department of Economics, DM College of Arts, Imphal - 795001
21. Secretary, JERC for Manipur and Mizoram — — — — — Member-Secretary

By order of the Commission  
**Sd/- RICHARD ZOTHANKIMA**  
 Assistant Secretary



*Annexure – III*

**GOVERNMENT OF MANIPUR  
SECRETARIAT : POWER DEPARTMENT**

**ORDERS BY THE GOVERNOR: MANIPUR**

Imphal, the 28th June, 2014

No.9/8/2009-Power: In partial modification of this Government order of even number dated 20.10.2010, the Governor of Manipur is pleased to re-constitute a 'Co-ordination Forum' consisting of the following members with immediate effect and until further orders:

- |   |          |
|---|----------|
| 1. Chairman, Joint Electricity Regulatory Commission<br>(Manipur & Mizoram) | Chairman |
| 2. Member Joint Electricity Regulatory Commission<br>(Manipur & Mizoram)    | Member   |
| 3. Managing Director, Manipur State Power Company Limited                   | Convener |
| 4. Managing Director<br>Manipur State Power Distribution Company Limited    | Member   |
| 5. Director, MANIREDA, Imphal   | Member   |

Periodicity of the Forum of meeting shall be in February and August every year.

The function of the Forum shall be as follows:

- a) To facilitate attracting adequate investment for development of the power system in the state
- b) To facilitate smooth and reliable operation of the State Grid at intrastate level
- c) To facilitate connectivity to the Grid for generating companies and to the distribution companies and open access to the transmission and distribution system for licensee/beneficiaries and open access customers
- d) To facilitate and evolve consensus on any other aspect of the development of power system as referred to the forum by the State Government.

By Orders & in the name of Governor  
Sd/- **RAJESH AGRAWAL**  
Commissioner (Power)  
Government of Manipur

*Annexure –IV***GOVERNMENT OF MIZORAM  
POWER & ELECTRICITY DEPARTMENT****NOTIFICATION**

Dated Aizawl the 12th July, 2010

No.B.16012/27/2008-P&E/Pt.III : In continuation of this Notification of even No. dt.5.8.2009, the Governor of Mizoram is pleased to designate Engineer-in-Chief (P&E) as Member-Convener in the State Co-Ordination Forum.

Consequence to the above, the composition of the State Co-Ordination Forum for Mizoram will be as below :

1. Chairperson : Chairman, JERC
2. Member-Convener : Engineer-in-Chief, P&E Department
3. Member : 1) Member, JERC  
2) Joint Secretary, P&E Department  
3) Director, ZEDA

The State-Co-Ordination Forum may meet at least once in 3 (three) months.

**Sd/- JOLLY NEWMAN**

Joint Secretary to the Govt. of Mizoram  
Power & Electricity Department

Memo No.B.16012/27/2008-P&E/Pt.III

Dated Aizawl, the 12th July, 2010

- Copy to :
1. Sr. PPS to Chief Secretary, Mizoram
  2. Chairman, JERC - Chairperson, State Co-Ordination Forum
  3. Member, JERC - Member, State Co-Ordination Forum
  4. Engineer-in-Chief (P&E), Member, State Co-Ordination Forum
  5. Director, ZEDA - Member, State Co-Ordination Forum
  6. Assistant Secretary, JERC for Manipur & Mizoram  
with reference to his letter No.H.11019/24/09-JERC dt. 25.6.2010
  7. Guard File

**Sd/- NGURSAILOVA SAILO**

Under Secretary (Tech) to the Govt. of Mizoram  
Power & Electricity Department

**Annexure – V**

**GOVERNMENT OF MANIPUR  
SECRETARIAT POWER DEPARTMENT**

**NOTIFICATION**

Imphal the 18<sup>th</sup> September, 2015

**No.60/4/2015 - Power :** In exercise of the power conferred under Section 31 of the Electricity Act, 2003. the Governor of Manipur is pleased to order the establishment of State Load Despatch Centre (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 issued vide Notification No.5/5/2011-Power dated 31<sup>st</sup> December, 2013 in respect of Manipur State Electricity Reforms Transfer Scheme, 2013.

This society will be called 'Manipur State Load Despatch Centre' and will be registered under the Manipur Societies Registration Act.

**Constitution of the Society**

The Society, as under, will have a general body headed by the Administrative Secretary (Power), Government of Manipur –

S/N	Description	Designation
1	Administrative Secretary (Power)	Chairman
2	MD, MSPCL	Member
3	MD, MSPDCL	Member
4	Representative of Finance Department (not below the rank of Administrative Secretary (Power), Government of Manipur	Member
5	Deputy/Joint Secretary (Power)	Member
6.	Executive Director (Tech), MSPCL	Member
7	Executive Director (Tech), MSPDCL	Member
8	General Manger SLDC, Manipur	Member-Secretary

The Society will also have an Executive Committee comprising of the following:

S/N	Description	Designation
1	Administrative Secretary (Power)	Chairman
2	Deputy/Joint Secretary (Power)	Member
3	General Manager, SLDC. Manipur	Member-Secretary

### Functions of the Society

- a) To maintain the affairs of SLDC in Manipur and to perform such roles and functions as mentioned in the Indian Electricity Act, 2003 (as amended from time to time) for the State Load Despatch Centre.
- b) Collecting such fees and charges that may be required to be collected by SLDC.
- c) To keep accounts, maintain data/record connected with the functions to SLDC and to maintain the assets, machiner and equipment, etc. of SLDC or such other assets that may be acquired by it for performing its functions
- d) To identify appropriate Human Resources and arrange specialized training for them.
- e) Matters relating to Intra and Inter-State Power Supply.
- f) All other matters or Rules relating to effective and efficient working of SLDC and matters as may be entrusted by the State Government from time to time.
- g) The Manipur State Load Despatch Centre (MSLDC) is to be ring fenced suitably before the Centre is made operational.

Sd/- **Th. KIRAN KUMAR**  
 Joint Secretary (Power)  
 Government of Manipur

**Annexure – VI**

**Trainng, Seminars and meetings attended,  
1st April 2016 – 31st March 2017**

S/N	Name and Designation	Particulars of programme	Duration	Venue	Programme Conducted/ Sponsored
1	Mr. RK Kishore Singh, Chairperson	Workshop on “Rooftop Solar Power”	30th May 2016	New Delhi	FOR
2	Er.Lalchharliana Pachau, Chief (Engineering)	Workshop on “Rooftop Solar Power”	7th June 2016	New Delhi	RE, Gol
3	Mr. RK Kishore Singh, Chairperson	Conference on “Global trend & Innovations in Developments of Power Sectors”	25th–29th Oct. 2016	New Delhi	CIGRE
4	Mr. RK Kishore Singh, Chairperson	Stakeholders workshop on “Expending Solar Power Development in West Bengal, Eastern Region & NE Region”	25th Oct. 2016	Kolkatta	TERI
5	Mr.Richard Zothankima, Assistant Secretary	Workshop on “Secretaries of Regulatory Commissions”	1st March 2017	New Delhi	FOR
6	Mr. RK Kishore Singh, Chairperson	56th Meeting of FOR	30th Sept. 2016	New Delhi	FOR
7	Mr. RK Kishore Singh, Chairperson	57th Meeting of FOR	15–17 Dec. 2016	Raipur, Chhattisgarh	FOR
8	Mr. RK Kishore Singh, Chairperson	55th Meeting of FOR	22nd July 2016	New Delhi	FOR
9	Mr. RK Kishore Singh, Chairperson	54th Meeting of FOR	7-9th April, 2016	Varanasi, Uttar Pradesh	FOR
10	Mr. RK Kishore Singh, Chairperson	Meeting on “Follow up UDAY Scheme”	29th Sept. 2016	New Delhi	FOR
11	Mr. RK Kishore Singh, Chairperson	5th FORENS Meeting	5–7th May 2016	Ranchi, Jharkhand	FORENS
12	Mr. RK Kishore Singh, Chairperson	6th FORENS Meeting	8–10th Sept. 2016	Imphal, Manipur	FORENS

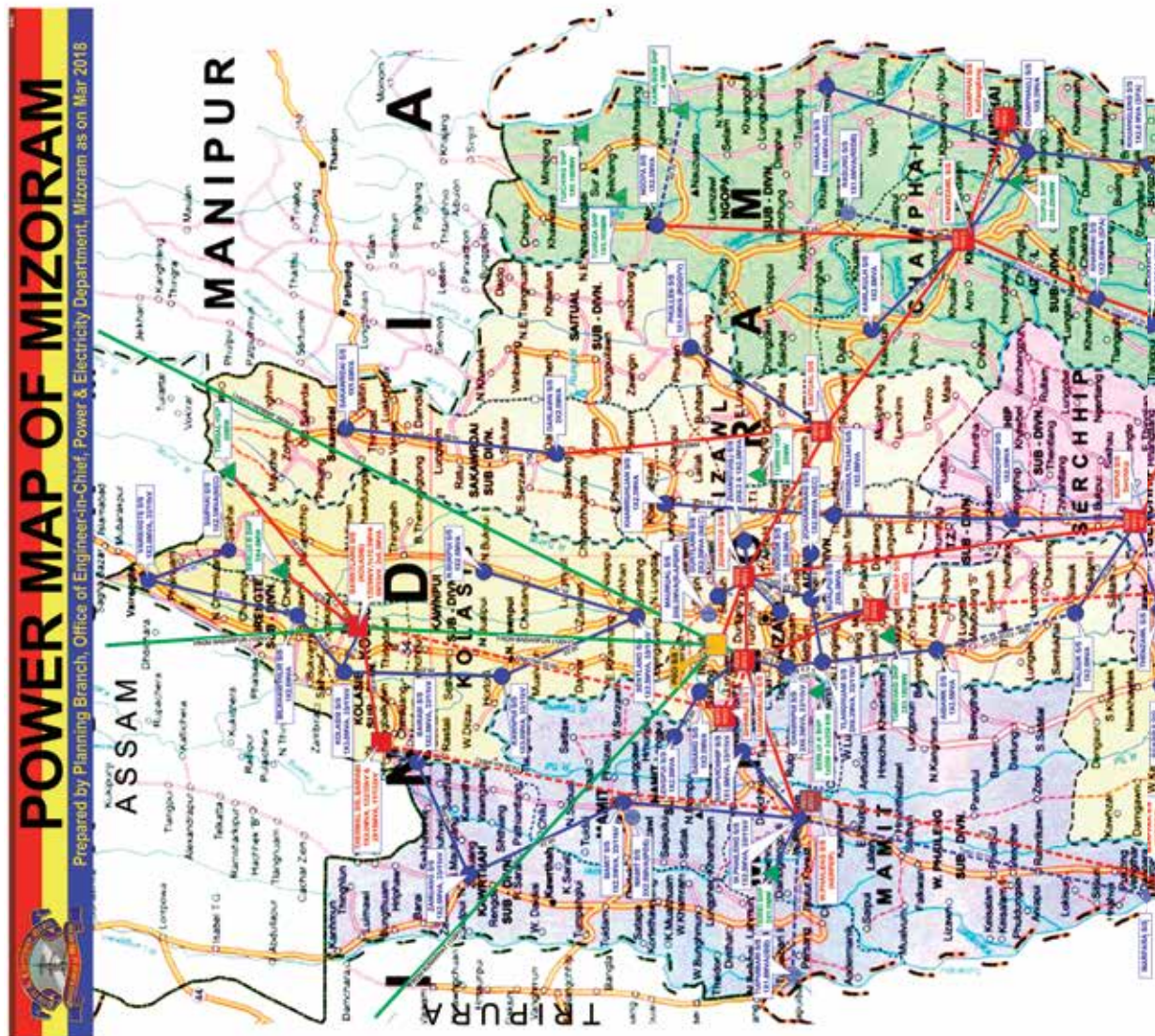
*Annexure – VII*

**Category-wise Electricity Tariff prevailing in the state of MANIPUR  
during FY 2016-17**

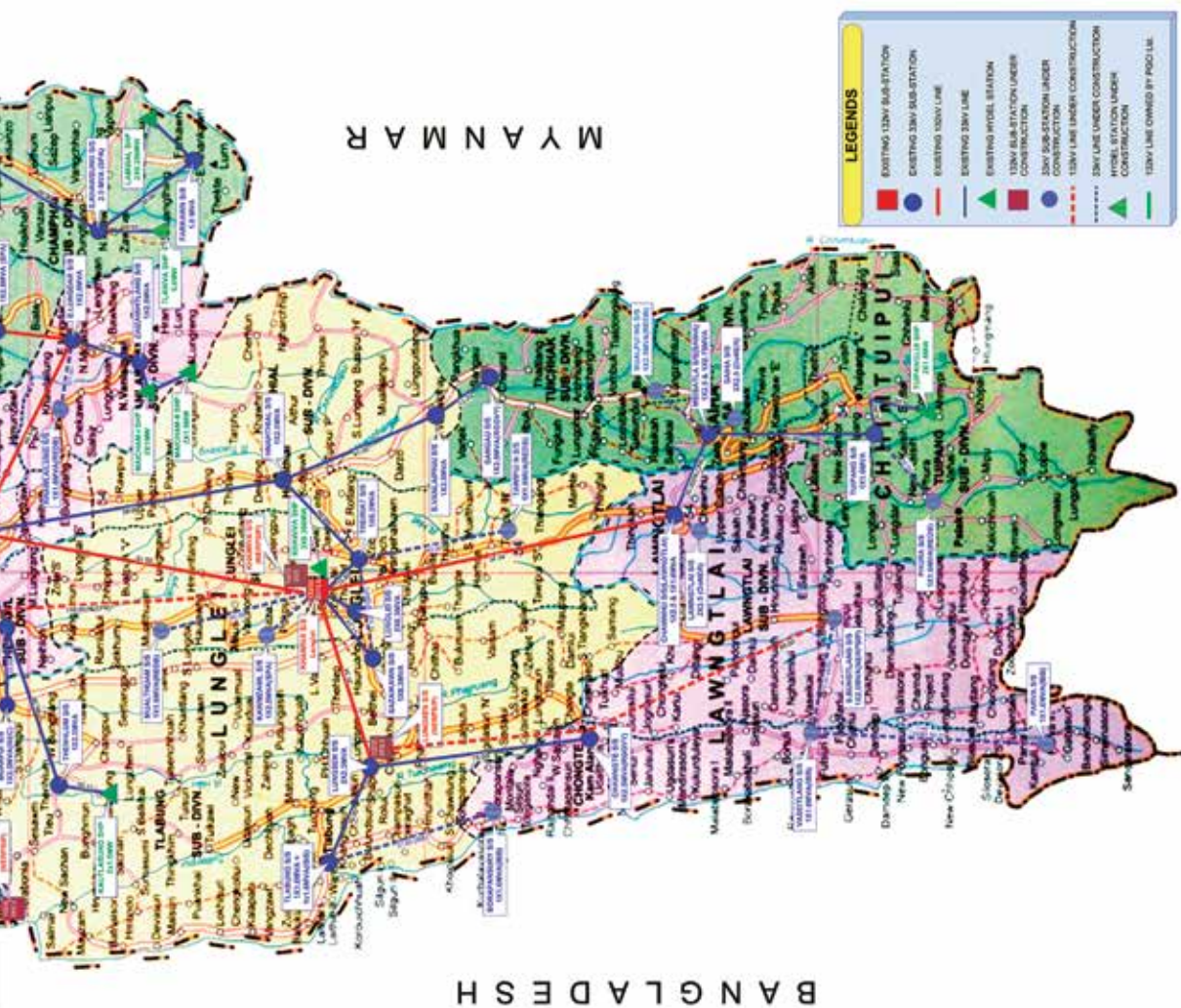
S/N	Category	Fixed Charges per month (Rs)	Energy Charges (Rs/kwh)
	<b>LT SUPPLY</b>		
1	KutirJyoti	20 per connection	
	First - 15 kwh/Month		1.4
	Above 15 kwh/Month		2.5
2	Domestic	60/kW	
	First - 100 kwh/Month		3.2
	Next 100 kwh/Month		3.8
	Above 200 kwh/Month		4.7
3	Non-Domestic/Commercial	80/kW	
	First - 100 kwh/Month		4.2
	Next 100 kwh/Month		5
	Above 200 kwh/Month		5.9
4	Public Lighting	65/kW	5.5
5	Public Water Works	100/kW	5.5
6	Irrigation & Agriculture	60/kW	3.25
7	Small Industry	65/kW	3.25
	<b>HT SUPPLY</b>		
1	Commercial	100/kVA	5.7
2	Public Water Works	100/kVA	5
3	Irrigation & Agriculture	100/kVA	3
4	Medium Industry	100/kVA	4.3
5	Large Industry	100/kVA	5
6	Bulk Supply	100/kVA	4.6



## Annexure – VIII



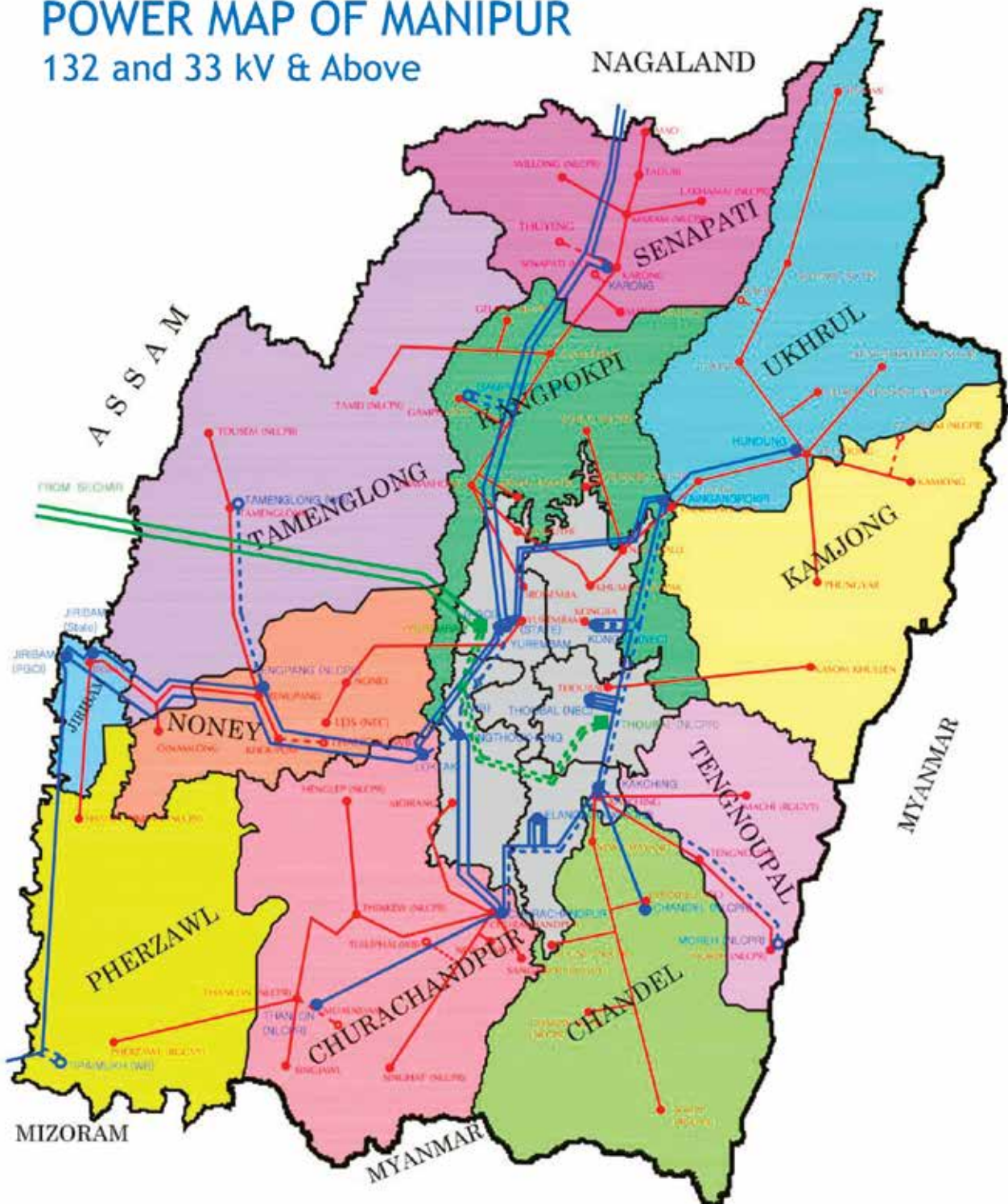




## Annexure – IX

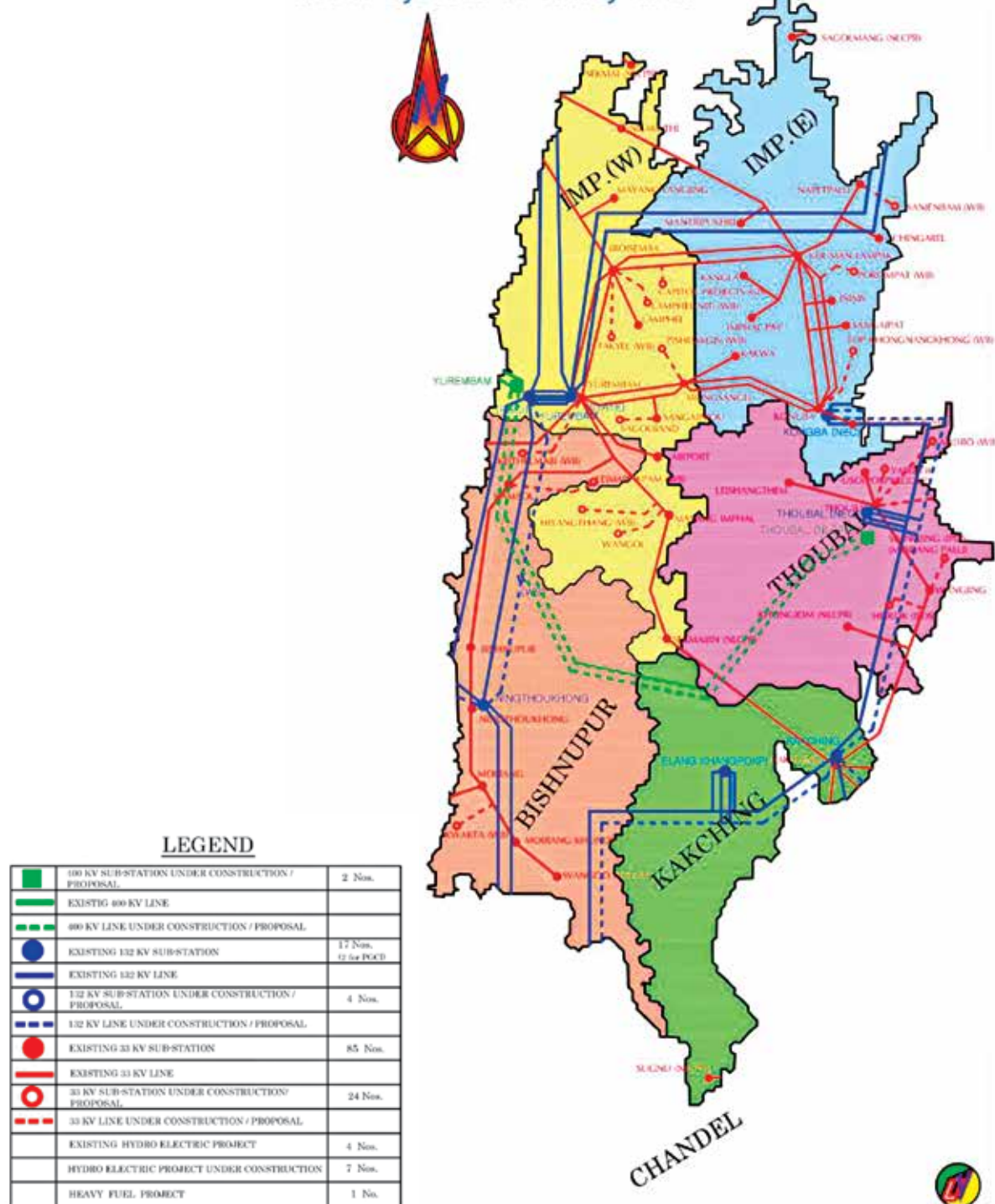
## POWER MAP OF MANIPUR

132 and 33 kV &amp; Above





## 33 kV System in Valley Area



**Annexure – X**

**Category-wise Electricity Tariff prevailing in the state of MIZORAM  
during FY 2016-17**

S/N	Category	Fixed Charges per month (Rs)	Energy Charges (Rs/kWh)
1	KutirJyoti	12 per connection	
i)	First 15 kWh		1.4
ii)	Next 15 kWh		2.05
iii)	> 30		2.35
2	Domestic LT	35/kW	
i)	First 50 Units		2.35
ii)	Next 50 Units		3.25
iii)	Next 100 Units		4.2
iv)	Balance above 200 Units		4.8
3	Domestic HT	35/kVA	4.7
4	Non-domestic/ Commercial LT	65/kW	
i)	First 100 Units		3.6
ii)	Next 100 Units		4.6
iii)	Balance above 200 Units		5.5
5	Commercial HT	65/kVA	5.3
6	Public Lighting LT	60/kW	5
7	PWW LT	75/kW	5
8	PWW HT	75/kVA	4.8
9	Irrigation &Agri LT	35/kW	1.85
10	Irrigation &Agri HT	35/kVA	1.8
11	Industrial LT	65/kW	
i)	First 400 Units		3.75
ii)	Balance above 400 Units		4.45
12	Industrial HT	65/kVA	4.3
13	Bulk Supply HT	70/kVA	4.15

## LIST OF REGULATIONS

1. Adaptation of laws (Medical facility) 3rd Order 2008
2. Recruitment, Control & Conditions of Officers and Staff Regulations, 2008, Appdx. (Service Reglns.) 20th Oct '08
3. Appointment of Consultants Regulations, 2009
4. Standard of Performance for Distribution and Transmission Licensees, Regulations, 2010. (Repealed)
5. Procedure, Terms and Conditions for Grant of Distribution Licence and other Related Matters Regulations, 2010
6. Consumer Grievance Redressal, 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 Regulations, 2010
12. Constitution of State Advisory Committee & 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 (Repealed)
18. Compliance Audit Regulations, 2010
19. Terms & Conditions for Determination of Tariff Regulation, 2010 (Repeated )  
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 Regulation 2013
25. Standard of Performance for Distribution and Transmission Licensees, Regulations, 2014
26. Multi Year Tariff Regulations, 2014  
Appendix- A (Formats) Generation Business,  
Appendix- B (Formats) 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) Regulation, 2014
30. Electricity Supply Code (Second Amendment) Regulation, 2015
31. Electricity Supply Code (Third Amendment) Regulation, 2016
32. Fees, Fines and Charges (First Amendment) Regulation, 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, CORRIGENDUM
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. Electricity Supply Code ( Ninth Amendment) Regulations, 2017.



*Hmuifâng tlang, Mizoram*



*Loktak lake, Manipur*

*Cover picture : Tuirial Hydel Project, Mizoram*

*Picture courtesy : Johny Ngurthansanga*

## JOINT ELECTRICITY REGULATORY COMMISSION FOR MANIPUR AND MIZORAM