



**GUJARAT ELECTRICITY REGULATORY COMMISSION**

# **17<sup>th</sup> ANNUAL REPORT**

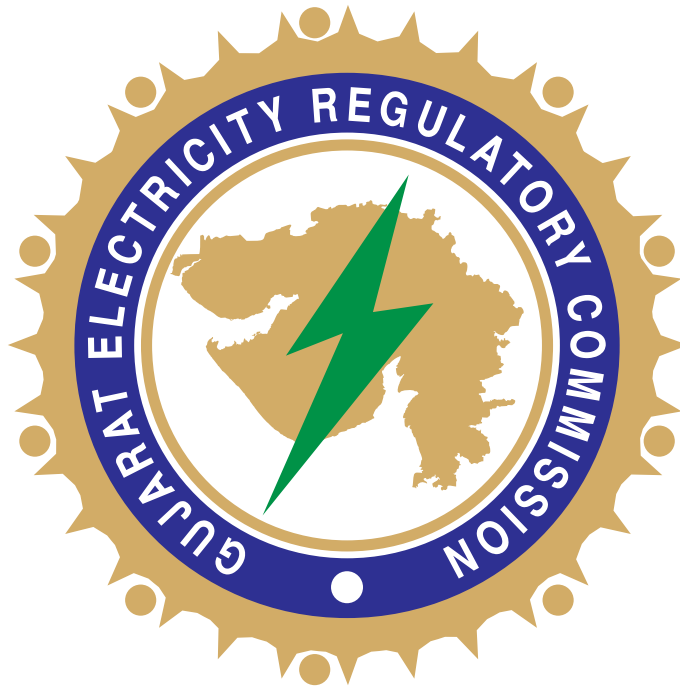
Financial Year 2015-16



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# GUJARAT ELECTRICITY REGULATORY COMMISSION

Seventeenth Annual Report 2015-16

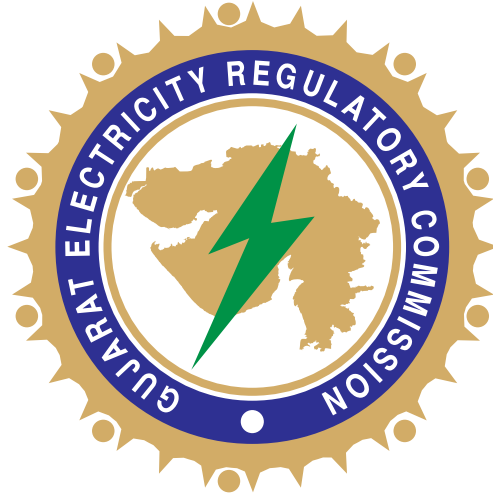


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# GUJARAT ELECTRICITY REGULATORY COMMISSION



The Commission presents the 17<sup>th</sup> Annual Report for  
FY 2015-16, as required under Section 105 of the  
Electricity Act, 2003.

**Roopwant Singh, IAS**  
Secretary  
Gujarat Electricity Regulatory Commission





## CONTENTS

Annexure	...ii
Abbreviations	...iii
From the Desk of the Chairman	...iv
Activity Highlights of 2015-16	...vi
<b>1. Organizational Setup of the Commission</b>	
1.1 The Commission	...1
1.2 Infrastructure	...1
1.3 Staff	...2
<b>2. Role of the Commission</b>	
2.1 The Mandate	...3
2.2 The Functions	...3
2.3 Regulations	...4
<b>3. Activities during the FY Year 2015-16</b>	
3.1 Determination of Tariff	...5
3.2 Status in the Context of The National Electricity Policy	...20
3.3 Status in the Context of Tariff Policy	...21
3.4 Disposal of Petition and Appeals	...28
3.5 Adjudication of Disputes and Differences	...29
3.6 State Advisory Committee	...32
3.7 Training Programmes	...33
3.8 FOR Meetings	...33
3.9 FOIR Meetings	...33
3.10 Important Orders/Regulation	...34
<b>4. Annual Accounts</b>	...42
<b>5. The Power Sector Scenario in Gujarat An overview</b>	...44



## ANNEXURES

1.	Positions within the Commission	...54
2.	Organization Structure of the Commission	...55
3.	Details of the Petitions Applications Disposed of during the Year 2015-16	...56
4.	Details of Regulations/Orders notified by the Commission	...66
5.	Details of the Locations of Consumer Grievance Redressal Forum	...68
6.	Statement showing the details of Appeals Redressal by Forums/ Consumer Complaints at CGRFs in the year of FY 2015-16	...70
7.	Statement Showing the Details of Appeals Redressed by the Electricity Ombudsman during the year 2015-16	...71
8.	Details of Complaints disposed of by the Electricity Ombudsman during the Year 2015-16	...72
9.	Constitution of the State Advisory Committee	...73



## ABBREVIATIONS

ABT	Availability Based Tariff
ARR	Annual Revenue Requirement
BPL	Below Poverty Line
CEI	Chief Electrical Inspector
CERC	Central Electricity Regulatory Commission
CERS	Consumer Education and Research Society
CIRE	Central Institute of Rural Electrification
CPP	Captive Power Plant
DGVCL	Dakshin Gujarat Vij Company Ltd
DSM	Demand Side Management
EI	Electrical Inspector
ESCI	Engineering Staff College of India
FOIR	Forum of Indian Regulators
FOR	Forum of Regulators
FPPPA	Fuel and Power Purchase Price Adjustment
GEB	Gujarat Electricity Board
GERC	Gujarat Electricity Regulatory Commission
GETCO	Gujarat Energy Transmission Corporation Ltd.
GSECL	Gujarat State Electricity Corporation Ltd.
GUVNL	Gujarat Urja Vikas Nigam Ltd.
IIT	Indian Institute of Technology
IOC	Indian Oil Corporation Ltd
MGVCL	Madhya Gujarat Vij Company Ltd
PDCRC	Permanent Disconnection Consumer Reconnection Charge
PGVCL	Pashchim Gujarat Vij Company Ltd.
POC	Parallel Operation Charges
PPA	Power Purchase Agreement
SSNNL	Sardar Sarovar Narmada Nigam Limited
SAFIR	South Asia Forum for Infrastructure Regulation
TPL	Torrent Power Limited
NTCT	Night Time Concessional Tariff
UGVCL	Uttar Gujarat Vij Company Ltd
TOU	Time of Use
TOD	Time of Day
KPT	Kandla Port Trust
MUPL	MPSEZ Utilities Pvt. Ltd.
MTR	Mid-Term Review
SLDC	State Load Dispatch Centre
TEL	Torrent Energy Limited



## FROM THE DESK OF THE CHAIRMAN

Since last more than a decade, as Regulatory Commission, Gujarat Electricity Regulatory Commission, has been playing a vital role in transforming the Gujarat power sector, in terms of its generation capacity, financial sustainability, organizational structure and more importantly its dynamism.

The year under this report was significant for the Commission from many perspectives. During the year, amendments were made in the Gujarat Electricity Regulatory Commission Distribution Code and new regulations were notified in the matters of Electricity Supply Code and Multi-Year Tariff. These regulations are the outcome of an elaborate process of analysis, interaction and consultation. A number of new features were incorporated based on experience of recent years. An effective attempt has always been made in the regulatory process to provide regulatory certainty, consistency and transparency to utilities as well as consumers. The Commission encourages the utilities to undertake activities in the fields of Smart Grid and Demand Side Management to reap the benefits of the modern technologies. Due to regular monitoring by the Commission and the actions taken by the distribution companies to reduce the losses, the AT&C losses of the distribution companies in the State have been amongst the lowest in the country.

To address the rising concerns regarding environmental issues and considering the role of Renewable Sources of Energy in sustainable growth, the Commission is duty bound to promote the generation from renewable sources and issued necessary orders specifying the Renewable Power Purchase Obligation (RPPO) targets for the distribution licensees. The Commission decides the tariff for electricity generated from different forms of renewable sources and periodically reviews the same. In order to promote solar initiative, the Commission has issued Net Metering Regulations for Grid Connected Rooftop Solar Plants. The Commission has also issued draft generic tariff orders for Small and Mini Hydro and Waste to Energy projects for the next control period are under consultation.

GERC is one of the few Commissions who has issued regular and timely tariff orders enabling the Utilities in State to have sound financial position. As a result, the Utilities with their sound financial health have also been making huge investment in creating new and strengthening existing infrastructure to provide quality power to all categories of consumers. The Commission monitors their performance against the targets set in the Standard of Performance Regulations regularly. This encourages the Utilities to ensure timely actions to achieve the target. It is a matter of great pride that the State owned DISCOMs have been consistently rated as “A+” by the Ministry of Power.



The Commission takes all necessary steps to redress the grievances of electricity consumers through independent Ombudsman and various Consumer Redressal Forums. To create a conducive atmosphere in electricity sector, the Commission follows the consultative process, frequent interactions on various issues with the representatives of consumer organizations, industry associations, individuals representing prominent citizens, sector experts and utilities through the meetings of State Advisory Committee, Coordination Forum and at different point of times.

The Commission does in-house studies to examine the sectoral dynamics and to identify the areas where further improvement may be made.

The Commission has recognized the importance of having skilled manpower in the successful enforcement of the electricity law. The officers are continuously imparted training on various focused issues. Similarly, the Commission also encourages utilities and others to impart capacity building and skill development programme for the staff etc.

The vision of the Commission is to facilitate an accelerated overall growth of power in Gujarat and to make the Commission easily accessible to all categories of consumers as a consultative and solution provider institution. It is our endeavour to act as a facilitator in making Gujarat Power Sector a role model for others in the country.

With immense scope and confidence that the Electricity Sector in the State of Gujarat will continue to grow further and perform brightly, I present the 17<sup>th</sup> Annual Report of the Commission.

Sd/-  
**Anand Kumar**  
Chairman



## ACTIVITY HIGHLIGHTS OF 2015-16

### Determination of Tariff :

#### True up for FY 2014-15 and determination of tariff for FY 2016-17

During the year, the Commission issued Tariff Orders comprising of true up for FY 2014-15 and determination of tariff for FY 2016-17 for 15 utilities operating in the State;

During the year, the Commission also issued generic tariff order for procurement of power by Distribution licenses and others from Solar Energy projects for the period from 01/07/2015 to 31/03/2016.

#### Disposal of Petitions & Misc. Applications: -

The Commission has disposed of 75 petitions & 1 Appeal during the financial year 2015-16 and No license application was received during Financial Year 2015-16

#### Meetings :-

- **State Advisory Committee** : 21<sup>st</sup> Meeting on 22<sup>nd</sup> April, 2015 at GIFT City, Gandhinagar  
22<sup>nd</sup> Meeting on 24<sup>th</sup> February 2016 at GIFT City, Gandhinagar
- **State Co-Ordination Form** : 16<sup>th</sup> Meeting on 27<sup>th</sup> April 2015 at GIFT City, Gandhinagar.
- **Meeting on CGRFs** : 19<sup>th</sup> Meeting on 7<sup>th</sup> July 2015 at GIFT City, Gandhinagar  
20<sup>th</sup> Meeting on 21<sup>st</sup> October 2015 at GIFT City, Gandhinagar

#### Regulations : During the year, the Commission Issued following Regulations

- The GERC (Electricity Supply Code and Related Matters) Regulations, 2015
- The GERC Distribution Code (Second Amendment), 2016
- The GERC (Multi-Year Tariff) Regulations, 2016
- The GERC (Multi Year Tariff) (First Amendment) Regulations, 2016



## 1. ORGANIZATIONAL SET-UP OF THE COMMISSION

### 1.1 THE COMMISSION

During the year, Shri Pravinbhai Patel rendered his services as Chairman upto 17/08/2015, and Shri K. M. Shringarpure was given the charge of Chairman from 21/08/2015 by the Energy and Petrochemical Departments, Government of Gujarat. Dr M.K. Iyer rendered his services as Member (Finance) upto 04/08/2015. Shri P. J. Thakkar took oath as Member, GERC on 13/10/2015. Shri Roopwant Singh, (IAS) took over the Charge of Secretary of the Commission from 01/04/2015.

#### OFFICE OF THE COMMISSION

### 1.1 INFRASTRUCTURE

**Office Building:** The Commission has its own office premises in GIFT City at 6<sup>th</sup> Floor, GIFT One, Road 5C, Zone 5, GIFT City, Gandhinagar-382355 with appropriate Conference Room, Court Room for conducting hearing facilities to conduct its business. To facilitate better working conditions and larger court room facilities.

**Local Area Network (LAN) and Website Hosting:** The computer systems in the Commission's office are connected through Local Area Network (LAN). The system is useful for access to any reference information. The Commission has its own redesigned website [www.gercin.org](http://www.gercin.org) which is regularly maintained and updated by its Secretariat.

The website is used for announcing hearing schedules, news, Agenda, Meeting and its Minutes updates, issuing orders and inviting comments on concept papers, regulations and petitions. It also provides information on Consumer Grievances Redressal Forums and Ombudsman and guides consumers for Redressal of their grievances. Further, documents such as notified regulations, orders, reports and details regarding Right to Information Act 2005 are also available in downloadable formats on the website.



### 1.3 COMMISSION STAFF

The staff of the Commission is appointed through direct recruitment, contract or on deputation basis. Annexure-1 shows the staff position in the Commission while Annexure 2 shows the organizational chart. The details of officers and staff of the Commission (as on 31<sup>st</sup> March, 2016) are given below: -

Sr.No.	Name of the Employee	Designation
1	Shri Roopwant Singh, IAS	Secretary
2	Shri S. R. Pandey	Legal Advisor
3	Mr. D. R. Parmar - deputation at JERC	Joint Director (Technical)
4	Shri S.T. Anada	Joint Director (Technical) and I/c Deputy Director (Admin & Accounts)
5	Shri P. J. Jani	Deputy Director (Legal) and I/c Accounts Officer
6	Shri G. O. Dayalani (upto 31/07/2015)	Deputy Director (Tech)
7	Shri Kanti J. Bhuvra (from 29/10/2015)	Deputy Director (Tech)
8	Shri Apurva Adhvaryu	Deputy Director (Tariff)
9	Shri Jignesh Makwana	Executive
10	Smt. Kajal B. Chaudhari	Executive
11	Shri Umesh A. Gor	Executive
12	Shri Abhishek Makwana	Executive
13	Shri Santoshkumar Asipu	Executive
14	Shri Wasim Akhtar Ansari	Executive
15	Shri Rupesh G. Jadav	Executive
16	Shri Ruchik Sola	Executive
17	Shri Ketan Thanki	Executive
18	Shabana Basirbhai Dal	Executive
19	Shri P. R. Sasi	Personal Assistant
20	Shri R. G. Pillai	Personal Assistant
21	Smt. P. A. Christian	Personal Assistant
22	Mr. T. M. Raval (upto 31/10/2015)	Personal Assistant
23	Mr. P S. Mistri (from 27/1/2016)	Personal Assistant
24	Mr. K. I. Desai	Junior Assistant
25	Smt. Hetal Ketan Thanki	Receptionist-Cum-Clerk

In addition, there are five Driver-Cum-Attendants and four Peons in the Commission,.



## 2. ROLE OF THE COMMISSION

### 2.1 THE MANDATE

The Electricity Act, 2003, aims at consolidating the laws related to generation, transmission, distribution, trading and use of electricity; generally taking measures conducive to development of the electricity industry, promoting competition therein, protecting interest of consumers, ensuring supply of electricity to all areas, rationalisation of electricity tariff, ensuring transparent policies regarding subsidies, promotion of efficient and environmentally benign policies, constitution of the Central Electricity Authority, Regulatory Commissions and establishment of Appellate Tribunal for electricity. It also aims to create an enabling framework conducive to development of the power sector in an open, non-discriminatory, competitive, market driven environment; keeping in view the interest of consumers, as well as power suppliers. In this context, the role of the Commission is pivotal in order to realise the objectives envisaged in the Electricity Act.

### 2.2 THE FUNCTIONS

According to section 86 of the Electricity Act, 2003 the Commission is mandated to carry out the following functions:

- a) Determining the tariff for generation, supply, transmission, distribution and wheeling of electricity, wholesale, bulk or retail, as the case may be, within the state; provided that Where open access has been permitted to a category of consumers under section 42, the State Commission determines only the wheeling charge and surcharge thereon, if any, for the said category of consumers;
- b) Regulating the electricity purchase and procurement process of distribution licensees, including the price at which electricity is to be procured from the generating companies or licensees or other sources, through agreements for purchase of power for distribution and supply within the state;
- c) Facilitating intra-state transmission and wheeling of electricity;
- d) Issuing licenses to persons seeking to act as transmission licensees, distribution licensees and electricity traders; with respect to their operations within the state;
- e) Promoting cogeneration 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 specifying, for purchase of electricity from such sources, a percentage of the total consumption of electricity in the area of a distribution licence;
- f) Adjudicating upon disputes between licensees and generating companies and to refer any dispute for arbitration;
- g) Levying fee for the purposes of the Act;



- h) Specifying state grid code, consistent with the grid code specified by the Central Electricity Regulatory Commission under clause (h), sub-section (1) of section 79 of the Act;
- i) Specifying or enforcing standards with respect to quality, continuity and reliability of service by licensees;
- j) Fixing the trading margin in the intra-state trading of electricity, if considered, necessary;
- k) Discharging other such functions as may be assigned to it under the Act;

### 2.3 Regulations

The Commission has so far issued 40 regulations /notifications/orders by publishing new ones or superseding old ones or making amendments as detailed in **Annexure - 4.**



### 3. ACTIVITIES DURING THE FINANCIAL YEAR 2015-16

#### 3.1 True up for FY 2014-15, Approval of Provisional ARR for FY 2016-17 and Determination of Tariff for FY 2016-17

The Commission initiated *Suo Motu* proceedings as Petition No. 1534/2015 about applicability of GERC (MYT) Regulations, 2011, beyond 31.03.2016 and directed the licensees'/generating companies that the approved ARR of FY 2015-16 be considered as provisional ARR of the licensees'/generating companies for FY 2016-17. Further, the Commission decided that the licensee's/generating companies should file the petition for determination of ARR and tariff for FY 2016-17 and true up for FY 2014-15 within 3 weeks from the date of issuance of this order for Commission's consideration and decision.

During the year, the Commission issued Tariff Orders comprising of truing up for FY 2014-15, Approval of Provisional ARR for FY 2016-17 and Determination of Tariff for FY 2016-17 for the below listed utilities operating in the State;

- a) Gujarat State Electricity Corporation Ltd. (GSECL)- The State Generating Company
  - b) Gujarat Energy Transmission Corporation Ltd. (GETCO)- The State Transmission Company
  - c) State Load Dispatch Centre (SLDC)
  - d) Dakshin Gujarat Vij Company Ltd (DGVCL) - The Distribution Company for South Gujarat,
  - e) Madhya Gujarat Vij Company Ltd (MGVCL) - The Distribution Company for Central Gujarat,
  - f) Paschim Gujarat Vij Company Ltd (PGVCL) - The Distribution Company for Western Gujarat,
  - g) Uttar Gujarat Vij Company Ltd (UGVCL) - The Distribution Company for North Gujarat,
  - h) Torrent Power Ltd (TPL-G) - The Private Owned Generation entity,
  - i) Torrent Power Ltd (TPL-A)- The Private owned distribution entity for Ahmedabad and Gandhinagar,
  - j) Torrent Power Ltd (TPL-S) - The Private owned distribution entity for Surat,
  - k) MPSEZ Utilities Private Limited (MUPL) - The Private owned distribution entity for Mundra SEZ area,
  - l) Torrent Energy Ltd (TEL) - The Private owned distribution entity for Dahej SEZ area.
- (a) Gujarat State Electricity Corporation Ltd. (GSECL)**

GSECL filed its petition for Truing up for FY 2014-15 and Determination of Tariff for FY 2016-17 on dated 8<sup>th</sup> December, 2015. The Commission examined the petitions keeping in view the procedures laid down under the Electricity Act, 2003 and the relevant Rules and Regulations and admitted the petition vide Case Nos. 1544/2015 on 17<sup>th</sup> December, 2015. The Commission invited comments from public and stakeholders on the petitions of the utilities. The public hearing was conducted in Commission's Office in Gandhinagar as scheduled on 11<sup>th</sup> February, 2016. There were four stakeholders submitted their suggestions and objections. The Commission issued its order on this petition on 31<sup>st</sup> March, 2016.



### Performance of GSECL during FY 2014-15

- Electricity generation from the power plants of GSECL was 21322 MUs against the approved generation of 41641 MUs in the MYT order 11<sup>th</sup> April, 2011 and in Case No. 1374/2013 dated 29<sup>th</sup> April, 2014.
- The actual Plant Availability Factor (PAF) of GSECL stations was less than the approved PAF in Tariff order dated 11<sup>th</sup> April, 2011 in the case of Ukai-6, KLTPSs (1-3) & KLTPS 4 and Ukai Hydro.
- The actual plants Load Factor (PLF) of all the stations except Gandhinagar-V, Ukai and Kadana Hydro have less than the approved PLF in the MYT order.
- The actual Auxiliary Consumption of all the stations except Ukai hydro were more than the approved auxiliary consumption.
- The actual Station Heat Rate (SHR) was more than that approved SHR in the MYT order except G'nagar (1-4), Wanakbori-7, Sikka, KLTPS 1-3 and KLTPS 4.
- The Secondary Fuel Oil Consumption of all the stations except Ukai 6 was less than the approved in the MYT Order.
- The coal transit loss for GSECL stations was the same as that approved.

### True up of FY 2014-15

While truing up for the year FY 2014-15, the various components of ARR were compared with the approved figures as per the MYT order vide case no. 1061/2011 dated 11<sup>th</sup> April, 2011. The Commission computed the gains and losses for FY 2014-15 based on Truing up for each of the components. Excluding the PPA based stations, the Commission approved the revised ARR of ₹.1742.94 Cr. for FY 2014-15 compared to ARR ₹. 1680.49 Cr approved in the Case no. 1374 of 2013 dated 29<sup>th</sup> April, 2014. The Commission approved the net gain of ₹. 50.92 Crore in the Truing up for FY 2014-15. Further, this net gain of ₹. 50.92 Crore approved was to be passed on to the DISOCMs in 12 equal monthly installments through GUVNL.

### Determination of Provisional ARR for FY 2016-17

As per GERC order on the Petition No. 1534/2015 dated 2<sup>nd</sup> December, 2015, the Commission considered approved ARR for FY 2015-16 as provisional ARR for FY 2016-17. For existing Generating Stations of GSECL stations, the ARR approved for FY 2015-16 as per the MYT "Tariff Order dated 11<sup>th</sup> April, 2011" has been considered. For upcoming Generating Stations & generating stations not covered under the aforesaid MYT order like Sikka 3-4, Dhuvran CCPP 3 & Ukai-6, the "Tariff order dated 31<sup>st</sup> March, 2015 for true-up of FY 2013-14 & Determination of tariff for FY 2015-16" has been considered.

The Commission approved annual fixed charges for FY 2015-16 as ₹. 2240.64 Crore in the MYT order dated 11<sup>th</sup> April, 2011. Further, in the case of Ukai-6, the Commission considered the fixed charges as ₹. 566.56 Cr. and energy charge as ₹. 1.683 per unit as per the final tariff order of the station vide order dated 10<sup>th</sup> February, 2016 in Petition No. 1508/2015 read with Order dated 29<sup>th</sup> March, 2016 in Petition No. 1563/2016.



The Dhruvaran CCPP-3 and Sikka 3 & 4 plant would be fully operational during FY 2015-16. Accordingly, the Commission provisionally approved the fixed charge of the above plants as 344.71 Cr. and ₹. 617.73 Cr. respectively. The Commission directed GSECL to recover the fixed charges on pro-rata basis in accordance to date of commissioning of these stations. The Commission provisionally approved the variable charges for Dhruvaran CCPP-3 and Sikka 3&4 as ₹. 2.285/kwh and ₹. 3.185/kwh respectively.

GSECL was directed to submit month wise, at quarterly intervals, the actual performance parameters like PAF, PLF, SHR, Aux. Consumption, SFC, Transit loss etc. actual gross generation, actual net generation and coal stock position (both imported and indigenous) for each station to the Commission and also place the said information on its website.

**(b) Gujarat Energy Transmission Corporation Ltd. (GETCO)**

GETCO filed its petition for Truing up for FY 2014-15 and Determination of transmission charges for FY 2016-17 on dated 9<sup>th</sup> December, 2015. The Commission examined the petitions keeping in view the procedures laid down under the Electricity Act, 2003 and the relevant Rules and Regulations and admitted the petition vide Case Nos. 1545/2015 on 17<sup>th</sup> December, 2015.

The Commission received objections/suggestions from four stakeholders. The Commission examined the received objections/suggestions and fixed the date for public hearing for the petition on 11<sup>th</sup> February, 2016 at the Commission's Office, Gandhinagar, and subsequently, a communication was sent to the objectors to take part in the public hearing process for presenting their views in person before the Commission. The Commission issued its orders on the above petitions on 31<sup>st</sup> March, 2016.

**True up of 2014-15:**

While truing up for the year 2014-15, the various components of ARR and the actual revenue were compared with the approved figures as per the MTR order vide case no. 1341/2013 dated 29<sup>th</sup> April, 2014. The Commission computed the gains and losses for FY 2014-15 based on Truing up for each of the components. The Commission approved the revised ARR of ₹. 2243.25 Crore for 2014-15 compared to ARR of ₹. 2473.44 Crore approved in the MTR order dated 29<sup>th</sup> April, 2014. Thus, there was a surplus of ₹. 184.29 Crore in 2014-15.

**Performance of GETCO during FY 2014-15**

In FY 2014-15, GETCO performed well by keeping its system availability higher and system losses at lower level than those approved by the Commission. Availability of GETCO system remained at 99.59% against 98.00% approved in the MTR order dated 29<sup>th</sup> April, 2014 for FY 2014-15. GETCO controlled the system losses at 3.65% against the loss level of 4.10 % approved by the Commission in the MYT order.

**Determination of Provisional ARR and approval of transmission tariff for FY 2016-17**

The Commission provisionally approved ARR of Rs. 2772.05 Crore for GETCO for FY 2016-17 as per the ARR approved for the FY 2015-16 in the MTR order dated 29<sup>th</sup> April, 2014 for FY 2015-16. Based



on this provisionally approved ARR of FY 2016-17 and truing up of FY 2014-15, the approved Transmission Tariff against that estimated by GETCO for 2016-17 as under.

Particulars	Transmission Tariff	Transmission Tariff
	estimated by	approved by the
	GETCO	Commission.
Transmission tariff		
₹. /MW/day	3147	2845

GETCO was directed to keep the variations at minimum for the approved CAPEX for lines and sub-stations. GETCO was directed to submit a quarterly report on the average as well as peak loading of various 220 KV, 132 KV and 66 KV Sub Stations in the Gujarat system.

**(c) State Load Dispatch Centre (SLDC)**

SLDC filed its petition for Truing up for FY 2014-15 and Determination of SLDC fees and charges for FY 2016-17 on dated 11<sup>th</sup> December, 2015. The Commission examined the petitions keeping in view the procedures laid down under the Electricity Act, 2003 and the relevant Rules and Regulations and admitted the petition vide Case Nos.1546/2015 on 17<sup>th</sup> December, 2015.

The Commission received objections/suggestions from two stakeholders. The Commission examined the received objections/suggestions and fixed the date for public hearing for the petition on 11<sup>th</sup> February, 2016 at the Commission's Office, Gandhinagar, and subsequently, a communication was sent to the objectors to take part in the public hearing process for presenting their views in person before the Commission. The Commission issued its orders on the above petitions on 31<sup>st</sup> March, 2016.

**Truing up of 2014-15:**

While truing up for the year 2014-15, the Commission approved the revised ARR of ₹.1354.41 lakh (including the compliance of the Hon'ble APTEL in judgment dated 30<sup>th</sup> November, 2015 in Appeal No. 33 of 2015) compared to ARR of ₹. 2809.92 lakh approved in the MTR order 29<sup>th</sup> April, 2014 for FY 2014-15 read with Review Order 1438/2014 dated 7<sup>th</sup> November, 2014. Based on the revenue from SLDC Fees and charges, the Commission approved the revenue surplus of ₹. 868.96 lakh in the truing up for FY 2014-15.

**Determination of Provisional ARR and approval of SLDC fees and charges for FY 2016-17:**

The Commission provisionally approved ARR of ₹. 3047.09 Lakh for SLDC for FY 2016-17 as per the ARR approved in the Review Order No. 1438/2014 dated 7<sup>th</sup> November, 2014 for the FY 2015-16. Based on this provisionally approved ARR of FY 2016-17 and the adjustment on accounting of truing up for FY 2014-15, the Commission approved the annual charges of SLDC at ₹. 2178.13 Lakh for the FY 2016-17, and the grid connection fees at ₹. 10,000/-. The total annual SLDC Charges was to be recovered in 12 equal monthly instalments according to the formula approved by the Commission in the order dated 28<sup>th</sup> March, 2013.



**d,e,f,g) State Owned Distribution Companies-DISCOMs (DGVCL, MGVCL, PGVCL & UGVCL)**

The four state owned DISCOMs such as DGVCL, MGVCL, PGVCL and UGVCL filed their petitions for Truing up for FY 2014-15 and Determination of Tariff for FY 2016-17 on dated 8<sup>th</sup> December, 2015. The Commission examined the petitions keeping in view the procedures laid down under the Electricity Act, 2003 and the relevant Rules and Regulations and admitted the petition vide Case Nos. as 1548/2015, 1549/2015, 1550/2015 and 1547/2015 on 17<sup>th</sup> December, 2015.

The Commission received objections/suggestions from seventeen stakeholders. The Commission examined the received objections/suggestions and scheduled the date for public hearing for the petitions on 12<sup>th</sup> February, 2016 at the Commission's Office, Gandhinagar, and subsequently, a communication was sent to the objectors to take part in the public hearing process for presenting their views in person before the Commission. The Commission issued its orders on the above petitions on 31<sup>st</sup> March, 2016.

**Performance of DISCOMs during FY 2014-15**

- Approved vis-à-vis Actual Distribution Loss of the four distribution companies in FY 2014-15 is shown in the Table below:

**Distribution Loss Approved and Actual**

Name of Discoms	Approved Loss in %	Actual Loss in %
DGVCL	11.50	9.11
MGVCL	12.00	12.27
PGVCL	24.00	24.61
UGVCL	12.25	9.20

It is observed that all the DISCOMs except MGVCL and PGVCL achieved the targeted distribution losses (Approved vis-a-vis Actuals).

**True up of FY 2014-15**

- While truing up for the FY 2014-15 for each DISCOM, the various components of ARR were compared with the approved figures as per MTR order dated 29<sup>th</sup> April, 2014. The Commission computed the gains and losses for FY 2014-15 based on Truing up for each of the components. The revised ARR approved in true up of FY 2014-15 (including Surplus/ (Gap) of True-Up for FY 2012-13) and ARR approved in the MTR order dated 29<sup>th</sup> April, 2014 is shown in the Table below;

**ARR Approved (₹. Crore)**

Name of DISCOM	ARR Approved for FY 2014-15 in MTR order dated 29.04.2014	ARR Approved in True Up of FY 2014-15
DGVCL	8042.75	9834.74
MGVCL	4329.06	4740.23
PGVCL	9654.28	10417.86
UGVCL	7346.29	7824.05



- The revenue (Gap)/Surplus for FY 2014-15 approved by the Commission, after considering the (Gap)/Surplus of True-Up for FY 2012-13, as shown in the Table below;

**Revenue (Gap)/Surplus for FY 2014-15 (₹. Crore)**

Name of Discom	Revenue ( Gap)/surplus
DGVCL	(58.86)
MGVCL	52.73
PGVCL	20.00
UGVCL	21.98

Further, the Commission decided to adjust the amount of ₹. 79.71 Crore, which was Profit After Tax in P & L Statement of the Annual Accounts of GUVNL for FY 2014-15.

The Commission arrived the net consolidated surplus of ₹. 115.55 Crore for four state owned DISCOMs in the FY 2014-15 and addressed this amount while determining the tariff for FY 2016-17.

**Determination of Provisional ARR and tariff for FY 2016-17:-**

The Commission provisionally approved ARR of FY 2016-17 for the four state owned DISCOMs such as DGVCL, MGVCL, PGVCL and UGVCL as per the ARR approved for the FY 2015-16 in the MTR order dated 29<sup>th</sup> April, 2014 for FY 2015-16. Further, the Commission determined the tariff based on this provisionally approved ARR of FY 2016-17 and revenue (Gap)/Surplus from truing up of FY 2014-15 and also recovery of past year True-Up (Gap)/Surplus of FY 2009-10 & FY 2010-11.

The provisionally approved ARR for FY 2016-17 for each DISCOMs is as shown in the Table below;

**ARR Approved (₹. Crore)**

Name of DISCOM	Provisionally approved ARR for FY 2016-17
DGVCL	8826.45
MGVCL	4625.80
PGVCL	10613.80
UGVCL	8008.83

The Commission considered the total category-wise sales, as approved in the Mid-term Review Orders and recomputed the sales revenue by applying the existing tariff along with the approved sales for each category of consumers and also applying FPPPA @ ₹. 1.20 per kWh. By this, the Commission arrived the consolidated (Gap)/Surplus of the four state owned distribution licensees for FY 2016-17 as ₹. 656.55 Crore. The (Gap)/Surplus as estimated by the Commission for FY 2016-17 for each DISCOMs as shown in the below table;



**Revenue (Gap)/Surplus for FY 2016-17 ( ₹. Crore)**

Name of Discom	Revenue (Gap)/surplus
DGVCL	320.13
MGVCL	122.55
PGVCL	201.30
UGVCL	12.57

The Commission decided to pass on the benefit of the surplus to the consumers by reducing energy charge for all the slabs of residential consumers by 10 Paise/unit, the residential consumers of the villages located within the geographical jurisdiction of Urban Development Authority are being billed as per rural category tariff, removal of the conditionality in the case of HTP-I, Non-RGP Night, LTMD Night and HTP-IV tariff categories for promoting the night time usage, reduction of 14 Paise/unit for HT and 10 Paise/unit for LTMD category for reduction in the level of cross subsidization and compensate the fixed cost through fixed charges. Further, while determining the tariff, the Commission kept in mind the laid down principles of tariff determination such as correct recovery of fixed charges (which is depictive of the fixed costs), gradual reduction in the level of cross subsidization as provided in Tariff Policy, incentivizing energy conservation through telescopic tariff, Demand Side Management by shifting of consumption from peak hours to off- peak hours and Promotion of efficient use of electricity.

With this modification, rationalization in the tariff structure and revision in the tariff rates, there will be gross benefit of ₹. 414.03 Crore to the consumers of the State Owned DISCOMs. Since the ARR and projected revenue for FY 2016-17 are provisional and are likely to get changed due to notification of GERC (MYT) Regulations, 2016 effective from 1<sup>st</sup> April 2016, the Commission did not address the entire surplus of ₹. 656.55 Crore.

**Commission's directives to the Discoms**

- DISCOMs were directed to make serious and concerned efforts to reduce commercial losses to bring down distribution losses.
- DISCOMs were directed to submit invariably the category wise cost-to-serve (cost of supply) report every year along with tariff petition.
- DISCOMs were directed to conduct a fresh evaluation study to work out the exact losses in HT and LT side.

**Highlights of the Tariff Orders issued for state owned DISCOMs**

- Tariff for residential consumers reduced by 10 Paise/unit
- Residential Consumers of the villages located within the geographical jurisdiction of Urban Development Authority shall be billed as per the rural area consumers
- Tariff for LTMD and HT category consumers reduced by 10 Paise/unit and 14 Paise/unit respectively after rationalization
- Removal of the conditionality in the case of HTP-I, Non-RGP Night, LTMD Night and HTP-IV tariff categories for promoting the night time usage



### **h,i,j) Torrent Power Ltd. (TPL)**

Torrent Power Limited (TPL) submitted their petitions for Truing up for FY 2014-15, and determination of tariff for FY 2016-17 on 23<sup>rd</sup> December, 2015. The Commission examined the petitions keeping in view the procedures laid down under the Electricity Act, 2003 and the relevant Rules and Regulations and admitted the petition vide Case Nos. as 1551/2015, 1552/2015 and 1553/2015 on 28<sup>th</sup> December, 2015.

The Commission received objections/suggestions from eight stakeholders. The Commission examined the received objections / suggestions and fixed the date for public hearing for the petition on 17<sup>th</sup> February, 2016 at the Commission's Office, Gandhinagar, and subsequently, a communication was sent to the objectors to take part in the public hearing process for presenting their views in person before the Commission. The Commission issued its orders on the above petitions on 31<sup>st</sup> March, 2016.

### **Torrent Power Ltd. - Generation (TPL - G)**

#### **Performance of TPL-G during FY 2014-15**

- Electricity generation from the TPL's power plants at Sabarmati was 2982.91 MUs against the approved generation of 3247 MUs in the MTR order dated 29<sup>th</sup> April, 2014.
- The Plant Availability Factor of all the stations except C&D stations were lower than the approved levels of the MTR Order.
- Plant Load Factors of all the stations were lower than that approved in the MYT order.
- The actual auxiliary consumption of all the stations except C was lower as compared to the approved levels in the MTR Order.
- Actual SHR of all the stations except C was lower as compared to the approved levels in the MTR Order.
- The actual Secondary Fuel Consumption (SFC) of all the stations was lower as compared to the approved levels in the MTR Order.
- The coal transit loss for TPL-Coal stations was higher than that of approved figures.

#### **True up of FY 2014-15**

While truing up for the FY 2014-15, the various components of ARR were compared with the approved figures as per MTR order dated 29<sup>th</sup> April, 2014. The Commission computed the gains and losses for FY 2014-15 based on Truing up for each of the components. The Commission approved the revised ARR of ₹. 1194.61 Crore and ₹. 1210.31 Crore including incentive for FY 2014-15 compared to ARR of ₹. 1179.17 Crore approved in the MTR order. The revised ARR was considered as actual power purchase cost of power purchased from TPL-G (APP) for FY 2014-15 in ARR of TPL Distribution.

#### **Determination of Provisional ARR**

The Commission provisionally approved the fixed and variable charge for FY 2016-17 as the fixed and variable charge for FY 2015-16 approved in the MTR for FY 2015-16 dated 29<sup>th</sup> April, 2014. The provisional ARR FY 2016-17 for TPL-G (APP) has been ₹. 1052.41 Crore.



### Commission's directives to TPL-G

- TPL-Generation is directed to submit month wise, at quarterly intervals, the actual performance parameters like PAF, PLF, SHR, Aux. Consumption, SFC, Transit loss etc. actual gross generation, actual net generation and coal stock position (both imported and indigenous) for each station to the Commission and also place the said information on its website.
- TPL-Generation is directed to negotiate with the lenders for reduction in the rate of interest on the borrowings failing which they should replace high cost debt with low cost debt.

### Torrent Power Ltd. - Distribution (Ahmedabad & Surat)

#### Performance of TPL-D during FY 2014-15

Actual and approved Distribution Loss of TPL - Ahmedabad & Gandhinagar (TPL-A) & TPL -Surat (TPL-S) in FY 2014-15 is shown in the Table below;

#### Distribution Loss Approved and Actual

Particular	Approved Loss in %	Actual Loss in %
TPL-A	8.50	7.34
TPL-S	5.15	4.09

It was observed that distribution loss in both the areas of TPL-D was reduced than that approved by the Commission in the MTR order 29<sup>th</sup> April, 2014 read with APTEL Judgement dtd. 16.02.2015 in Appeal Nos. 148 & 149 of 2014.

#### True up of FY 2014-15

While truing up for the year 2014-15, the various components of ARR were compared with the approved figures as per MTR order 29<sup>th</sup> April, 2014 for FY 2014-15. The Commission computed the gains and losses for FY 2014-15 based on Truing up for each of the components. Revised ARR approved by the Commission after true-up and ARR approved in the MTR order 29<sup>th</sup> April, 2014 for TPL-A and TPL-S are shown in the Table below;

#### ARR Approved ( ₹. Crore)

Particular	ARR Approved for FY 2014-15 in MTR order	Revised ARR Approved in True Up for FY 2014-15
TPL-A	4088.81	4360.39
TPL-S	1823.41	2143.61

- The revenue gap/(surplus) approved by the Commission as shown in the Table below:

#### Revenue gap/(surplus) for FY 2014-15 ( ₹. Crore)

Particular	Revenue gap/(surplus)
TPL-A	503.54
TPL-S	161.04



The Commission arrived the net gap of ₹. 664.58 Crore for TPL-D in the FY 2014-15 and addressed this amount while determining the tariff of FY 2016-17.

#### Determination of Provisional ARR and tariff for FY 2016-17:-

The Commission provisionally approved ARR of FY 2016-17 for TPL-D such as TPL( Ahd.) and TPL(Surat) as per the ARR approved for the FY 2015-16 in the MTR order dated 29<sup>th</sup> April, 2014 for FY 2015-16. Further, the Commission determined the tariff based on this provisionally approved ARR of FY 2016-17 and revenue Gap/(Surplus) from truing up of FY 2014-15 and clarification/rectification order direction by Hon'ble APTEL judgements.

The provisionally approved ARR for FY 2016-17 for TPL-Ahd. and TPL-Surat is as shown in the Table below;

#### ARR Approved ( ₹. Crore)

TPL-D	ARR Approved for FY 2016-17
TPL-Ahd.	4527.47
TPL-Surat	1926.36

The Commission reviewed the sales projected in the Mid-term Review and approved the sales at MU in the Mid-term Review for TPL-D. The Commission considered the total category-wise sales, as approved in the Mid-term Review Orders and recomputed the sales revenue by applying the existing tariff along with the approved sales for each category of consumers and so also applying FPPPA @ ₹. 1.23 per kWh. By this, the Commission arrived the consolidated gap/(surplus) of the TPL-D for FY 2016-17 as ₹. 560.50 Crore. The (gap)/surplus as estimated by the Commission for FY 2016-17 for TPL-Ahd. & TPL-Surat as shown in the below table;

#### Revenue gap/(surplus) for FY 2016-17 ( ₹. Crore)

TPL-D	Revenue gap/(surplus)
TPL-Ahd.	409.62
TPL-Surat	150.88

Looking to the huge gap arrived at to be addressed while determining tariff for FY 2016-17, to mitigate the impact of this past period gap on consumers to some extent, the Commission considered the revenue of ₹. 90 Crore against the revenue of FY 2014-15 being the recovery of FPPPA pertaining to that year though TPL-D has realized it in the FY 2015-16. Accordingly, the Commission considered ₹. 560.50 - ₹. 90.00 = ₹. 470.50 Crore as consolidated gap to work out "Regulatory Charge".

The Commission decided to allow the recovery of ₹. 470.50 Crore as the "Regulatory Charge" at 45 Paise/unit from all the categories of consumers of TPL Ahmedabad, Gandhinagar and Surat during FY 2016-17.



### Commission's directives to TPL-D

- TPL-D is directed to continue the efforts to enter into agreements for purchase of renewable energy at competitive rates to meet the RPO obligation.
- TPL is directed to submit a statement of actual recovery of "Regulatory Charge" along with units sold on bi-monthly basis to the Commission duly certified by the Statutory Auditors and shall also host these details on their website.
- TPL-D is directed to negotiate with the lenders for reduction in the rate of interest on the borrowings failing which they should replace high cost debt with low cost debt.

### Highlights of the Tariff Orders issued for TPL-Distribution

- No permanent tariff increase in tariffs of Ahmedabad, Gandhinagar and Surat area consumers
- Regulatory Charge @ 45 Paise/unit was allowed to be recovered from the consumers during FY 2016-17 till the past periods gaps get recovered. Once these past periods gaps get recovered, the Regulatory Charge recovery would be stopped
- The FPPPA charge recovery was capped at ₹. 1.35/Unit against present FPPPA of ₹. 1.98/unit
- With this, effectively there was 18 Paise/unit reduction in all the categories of consumers of Ahmedabad, Gandhinagar and Surat area

#### k.) MPSEZ Utilities P. Ltd. (MUPL)

The MUPL filed petition for the Truing up of FY 2014-15 and determination of Tariff FY 2016-17 on 30<sup>th</sup> December, 2015. The Commission examined the petitions keeping in view the procedures laid down under the Electricity Act, 2003 and the relevant Rules and Regulations and admitted the petition vide Case No. as 1556/2016 on 1<sup>st</sup> January, 2016.

The Commission did not receive objections / suggestions from any stakeholders. The Commission issued its orders on the above petition on 31<sup>st</sup> March, 2016.

#### Performance of MUPL during FY 2014-15

- MUPL reported distribution loss of 4.06% in FY 2014-15 against 4.50% approved in the MTR Order.

#### True up of FY 2014-15

While truing up for the year 2014-15, the various components of ARR were compared with the approved figures as per MTR order for FY 2014-15. The Commission computed the gains and losses for FY 2014-15 based on Truing up for each of the components. Revised ARR approved by the Commission after true-up and ARR approved in the MTR order for MUPL is shown in the Table below;

#### ARR Approved (₹. Crore)

Particular	ARR Approved for FY 2014-15 in MTR order	ARR Approved in True Up FY 2014-15
MUPL	135.90	111.68



The revenue (gap)/surplus approved by the Commission, after considering the carrying cost in light of the judgment of Hon'ble APTEL in various appeals as shown in the Table below:

**Revenue (gap)/surplus for FY 2014-15 (₹. Crore)**

Particular	Revenue (gap)/surplus
MUPL	2.15

**Determination of Provisional ARR and tariff for FY 2016-17:-**

The Commission provisionally approved ARR of FY 2016-17 for MUPL as per the ARR approved for the FY 2015-16 in the MTR order dated 29<sup>th</sup> April, 2014 for FY 2015-16. Further, the Commission determined the tariff based on this provisionally approved ARR of FY 2016-17 and revenue Gap/(Surplus) from truing up of FY 2014-15. The Commission provisionally approved the Aggregate Revenue Requirement for MUPL as shown in the below table;

**ARR Approved (₹. Crore)**

Particular	ARR Approved for FY 2015-16
MUPL	171.59

The Commission approved a revenue surplus of ₹. 11.77 Crore for FY 2016-17. The Commission decided to address the revenue surplus of ₹. 2.15 Crore pertaining to FY 2014-15 by reducing the energy charge of all the categories by 5 Paise/unit. Further, The Commission did not consider the projected surplus of ₹. 7.16 Crore pertaining to FY 2016-17 for revision in tariff as the ARR and projected revenue for FY 2016-17 are provisional. The final ARR for FY 2016-17 may get changed when it is determined based on the GERC (MYT) Regulations, 2016 which shall be applicable from 1<sup>st</sup> April, 2016.

**i.) Torrent Power Ltd. (Dahej SEZ)**

The TPL - Dahej filed petition for the Truing up of FY 2014 - 15 and determination of Tariff FY 2016 - 17 on 23<sup>rd</sup> December, 2015. The Commission examined the petitions keeping in view the procedures laid down under the Electricity Act, 2003 and the relevant Rules and Regulations and admitted the petition vide Case No. as 1554/2015 on 28<sup>th</sup> December, 2015.

The Commission received objections/suggestions from two stakeholders. The Commission examined the received objections/suggestions and fixed the date for public hearing for the petition on 17<sup>th</sup> February, 2016 at the Commission's Office, Gandhinagar, and subsequently, a communication was sent to the objectors to take part in the public hearing process for presenting their views in person before the Commission. The Commission issued its orders on the above petitions on 31<sup>st</sup> March, 2016.

**Performance of TPL-Dahej during FY 2014-15**

- TPL-Dahej reported distribution loss of 1.14% in FY 2014-15 against 2.00% approved in the MTR Order.



### True up of FY 2014-15

While truing up for the year 2014-15, the various components of ARR were compared with the approved figures as per MTR order for FY 2014-15. The Commission computed the gains and losses for FY 2014-15 based on Truing up for each of the components. Revised ARR approved by the Commission after true-up and ARR approved in the MTR order for TPL - Dahej is shown in the Table below;

#### ARR Approved ( ₹. Crore)

Particular	ARR Approved for FY 2014-15 in MTR order	ARR Approved in True Up FY 2014-15
TPL-Dahej	69.99	81.07

The revenue gap/surplus approved by the Commission as shown in the Table below;

#### Revenue (gap)/surplus for FY 2014-15 ( ₹. Crore)

Particular	Revenue (gap)/surplus
TPL-Dahej	10.16

### Determination of Provisional ARR and tariff for FY 2016-17:-

The Commission provisionally approved ARR of FY 2016-17 for TPL-Dahej as per the ARR approved for the FY 2015-16 in the MTR order dated 29<sup>th</sup> April, 2014 for FY 2015-16. Further, the Commission determined the tariff based on this provisionally approved ARR of FY 2016-17 and revenue Gap/ (Surplus) from truing up of FY 2014-15. The Commission provisionally approved the Aggregate Revenue Requirement for TPL-Dahej as shown in the below table;

#### ARR Approved ( ₹. Crore)

Particular	ARR Approved for FY 2015-16
TPL-Dahej	79.10

During the year, the Commission issued Tariff Orders comprising of truing up for FY 2013-14 and determination of tariff for FY 2015-16 for the below listed utilities operating in the State;

- a. Kandla Port Trust (KPT) - the distribution licensee owned by Kandla Port Trust for its area of operation at Kandla.
  - b. ASPEN infra Ltd. [AIL] (erstwhile Synfra Engineering and Construction Ltd.) - The Private owned distribution entity for Vaghodia SEZ area near Vadodara.
- (a) **Kandla Port Trust (KPT)**

KPT is a deemed licensee for distribution of electricity which is limited to the port area.



KPT vide its letters dated 24<sup>th</sup> November, 2014 and 15<sup>th</sup> December, 2014 requested the Commission to grant time extension up to 31<sup>st</sup> December, 2014 for submission of Tariff Petition for FY 2015-16. Considering the plea of KPT, the Commission vide its letter dated 29<sup>th</sup> November, 2014 extended the time limit up to 31<sup>st</sup> December, 2014 for filling the tariff petition. However, KPT vide its mail dated 26<sup>th</sup> December, 2014 once again requested the Commission to grant extension of time limit up to 31<sup>st</sup> January, 2015 as they were awaiting approval from their competent authority. In response to the request of KPT, the Commission directed KPT to submit its petition latest by 15<sup>th</sup> January, 2015. Accordingly, KPT filed petition for the Truing up of FY 2013-14 and determination of Tariff FY 2015-16 on 12<sup>th</sup> January, 2015.

The Commission examined the petitions keeping in view the procedures laid down under the Electricity Act, 2003 and the relevant Rules and Regulations and admitted the petition vide Case No. as 1474/2015 on 13<sup>th</sup> January, 2015.

The Commission did not receive any objections / suggestions from stakeholders. The Commission issued its orders on the above petitions on 23<sup>rd</sup> April, 2015.

#### **True up of FY 2013-14:**

Since the KPT did not submit the audited accounts for FY 2013-14, the Commission did not consider the truing-up for FY 2013-14.

#### **Determination of Tariff for FY 15-16:**

The Commission has approved the Aggregate Revenue Requirement for KPT as shown in the below table;

#### **ARR Approved ( ₹. Crore)**

Particular	ARR Approved for FY 2015-16
KPT	17.93

#### **Commission's directives to KPT**

- KPT was directed to provide meters to all consumers.
- Commission directed KPT to a road map for completion all the Meter related works by December, 2015.
- KPT was directed to expedite the process of segregation of accounts and maintain separate accounts for the regulated business of distribution.
- KPT was directed to prepare a Business Plan for next 5 years - FY 2016-17 to FY 2021-22 and submit to the Commission by August, 2015.
- KPT was directed to either negotiate price with GUVNL or source power from alternate source and report shall be submitted by September, 2015.
- KPT was directed to submit category-wise slab-wise D-4 statement along with the tariff petition from the next year onwards.



**(b) ASPEN Infra (AIL)**

AIL is a deemed licensee for distribution of electricity which is limited to the port area.

AIL filed petition for the Truing up of FY 2013-14 and determination of Tariff FY 2015-16 on 19<sup>th</sup> January, 2015. The Commission examined the petitions keeping in view the procedures laid down under the Electricity Act, 2003 and the relevant Rules and Regulations and admitted the petition vide Case No. as 1479/2015 on 4<sup>th</sup> February, 2015.

The Commission did not receive any objections / suggestions from stakeholders. The Commission issued its orders on the above petitions on 23<sup>rd</sup> April, 2015.

**Performance of AIL during FY 2013-14**

- AIL reported distribution loss of 4.27 % in FY 2013-14 against 3.30% approved in the MYT Order.

**True up of FY 2013-14**

While truing up for the year 2013-14, the various components of ARR were compared with the approved figures as per MYT order for FY 2013-14. The Commission computed the gains and losses for FY 2013-14 based on Truing up for each of the components. Revised ARR approved by the Commission after true-up and ARR approved in the MYT order for AIL is shown in the Table below;

**ARR Approved ( ₹. Lakh)**

Particular	ARR Approved for FY 2013-14 in MYT order	ARR Approved in True Up FY 2013-14
AIL	899.71	474.22

The revenue gap/surplus approved by the Commission as shown in the Table below;

**Revenue gap/(surplus) for FY 2013-14 ( ₹. Lakh)**

Particular	Revenue (gap)/surplus
AIL	19.62

**Determination tariff for FY 2015-16: -**

The Commission approved ARR of FY 2015-16 for AIL as ₹. 474.85 Lakh. Further, the Commission determined the tariff based on this approved ARR of FY 2015-16 and revenue Gap/(Surplus) from truing up of FY 2013-14. Accordingly, the Commission arrived at a revenue gap of ₹. 40.69 Lakh.



## 3.2 STATUS IN THE CONTEXT OF THE NATIONAL ELECTRICITY POLICY

### 3.2.1 Metering Plans:

The Electricity Act 2003 stipulates that all consumers should be metered. As per the National Electricity Policy, the SERCs have to obtain from the Distribution Licensees their metering plans, approve these and monitor the same. The Commission had directed all the Distribution Licensees to submit their metering plans. In their response, the distribution licensees have submitted that all the connections are metered except the Agriculture connections.

Metering status of Agriculture consumers for FY 2015-16 is as under:

Sr. No	Distribution Licensee	Metered Agriculture Connections
1	DGVCL	68.44%
2	MGVCL	79.21%
3	PGVCL	63.56%
4	UGVCL	54.48%
5	TPL (Ahd.)	100.00%
6	TPL (Surat)	100.00%

The Commission has directed to improve the status of metering of agricultural consumers.

### 3.2.2 Implementation of HVDS, SCADA & Data Base Management:

SCADA and data management systems are useful for efficient working of Distribution Systems. As per the NEP, a time bound programme for implementation of SCADA and data management is to be obtained from Distribution Licensees and approved by the SERCs keeping in view the techno economic considerations.

Implementation on SCADA has been started by the Distribution Licensees. HVDS implementation has already been taken up in MGVCL, UGVCL, DGVCL and PGVCL for effective reduction in losses.

### 3.2.3 Norms for Standard of Performance:

As per the provisions of the National Electricity Policy, the Commission has to specify the expected Standards of Performance. The Appropriate Commission has to regulate utilities based on pre-determined indices on quality of power supply.

The Commission, vide notification No. 10 of 2005 dated 31/03/2005, specified the performance standards for distribution licensees in the state. The Commission reviews the performance of various DISCOMs against the standards prescribed in above notification. The Commission obtains quarterly reports, half yearly and annual reports with details required under provisions of the SoP regulations for the Distribution.



### 3.2.4 Setting up of CGR Forum and Ombudsman:

National Electricity Policy emphasizes to formulate guidelines regarding setting up of Consumer Grievance Redressal Forum (CGRF) by the licensees and appointment of Ombudsman.

The Electricity Act, 2003 provides for a comprehensive framework for protection of consumers' interests. The National Electricity Policy, framed under the Act, advises states to notify guidelines / regulations for the establishment of a forum and ombudsman. Accordingly, GERC notified the regulations for establishment of an Ombudsman and establishment of a Forum for Redressal of Grievances of Consumers on 25<sup>th</sup> Aug. 2004. With the passage of time and looking interest of consumers at large, the Commission has framed a new set of comprehensive and consolidated regulations for establishment of CGRF and Ombudsman. The aim is to make forum more independent and easily accessible to the consumers and resolve grievances in giving effect of provisions of existing regulations. The Commission notified on 07.04.2011 as Gujarat Electricity Regulatory Commission (Consumer Grievances Redressal Forum and Ombudsman) Regulations, 2011, which repealed the above mentioned regulation.

There are eight Consumer Grievance Redressal Forums (CGRFs) functioning in the state of Gujarat. For every CGRF, one independent member has been selected by the Commission. The Commission has appointed an independent Electricity Ombudsman with effect from 01.06.2010 and he operates from an independent office. The Commission reviews the performance of Forums through quarterly reports and periodic review meetings. Two review meetings have been conducted by the Commission in this year. The special cases or grievances have also been discussed in these meetings.

The details of the CGRFs and Ombudsman are shown in "Annexure - 5".

The details of cases received and redressed by CGRFs and Ombudsman are shown in Annexure- 6 & 7 respectively and the nature of representation received by the Ombudsman is shown as Annexure - 8.

## 3.3 STATUS IN THE CONTEXT OF TARIFF POLICY

### 3.3.1 Return on Equity:

The Tariff Policy envisages that SERCs should allow rate of return on equity keeping in view the assessment of overall risk and the prevalent cost of capital.

The Commission allowed 14% RoE for FY 2014-15 for all the utilities in the State.

### 3.3.2 Depreciation Rates:

As per the Tariff Policy, the Central Commission notified the rate of depreciation which is also applicable to distribution with appropriate modifications. The Commission has considered the following depreciation rates.



Sr. No.	Licensee	Depreciation rates for FY 2015-16
1	GSECL	5.19%
2	GETCO	5.05%
3	DGVCL	5.25%
4	MGVCL	5.22%
5	PGVCL	5.27%
6	UGVCL	5.25%
7	SLDC	6.34%
8	TPL (Generation)	3.80%
9	TPL (Ahmedabad)	4.02%
10	TPL (Surat)	3.70%
11	MUPL	5.28%
12	TEL-Dahej	4.56%
13	AIL	-
14	KPT	4.91%

### 3.3.3 ToD Tariff :

Tariff Policy provides for facilitating implementation of Time of Day (ToD) tariffs.

Time of Use Tariff is in practice since long in Gujarat. There is separate tariff applicable for LT consumers whose contract demand is above 40 kW and for HT consumers contracted for regular power supply of 100 kVA & above, using **electricity exclusively during night hours** from 10.00 PM to 06.00 AM next day.

Moreover, time of use tariff is applicable to Water Works category of LT tariff. In HT category, except HT Agriculture and Railway Traction tariff category all other HT category gets the benefit of time of use tariff.

ToD Tariff rates as applicable to DGVCL, MGVCL, PGVCL & UGVCL with respect to Tariff Orders dated 31<sup>st</sup> March, 2015 are tabulated below;

Peak Hour Timings : 0700 hrs to 1100 hrs and 1800 hrs to 2200 hrs  
Off Peak Hour Timings : 1100 hrs to 1800 hrs  
Night Hours : 2200 hrs to 0600 hrs next day



Consumer Category	Peak Tariff Paise/kWh	Off-Peak Tariff Paise/kWh
Rate LTMD-Night: This tariff is applicable for aggregate load above 40 kW and using electricity exclusively during night hours from 10.00 PM to 06.00 AM next day.	470	260
Rate Non-RGP- Night: This tariff is applicable for aggregate load up to 40 kW and using electricity exclusively during night hours from 10:00 PM to 06:00 AM next day.	If electricity utilized for the period other than night hours, then tariff of relevant slab of Non -RGP category shall apply	260
Type-I Water works and sewerage pumps operated by other than local authority.	430	Discount of 40Paise/ kWh for consumption during off-peak period, viz., 1100 Hrs to 1800 Hrs. and Discount of 85 Paise/ kWh for consumption during night hours, viz., 2200 Hrs to 0600 Hrs. next day for all water works category.
Type-II Water works and sewerage pumps operated by local authority such as Municipal Corporation. Gujarat Water Supply & Sewerage Board located outside Gram Panchayat Area.	410	
Type-III Water works and sewerage pumps operated by Municipalities/Nagarpalikas and Gram Panchayat or Gujarat Water Supply & Sewerage Board for its installations located in Gram Panchayats.	320	
Rate HTP - I and II: regular supply with CD or Actual demand for first 500 kVA of billing demand	480	435
Rate HTP - I and II: regular supply with CD or Actual demand for next 2000 kVA of billing demand	540	455
Rate HTP - I and II: regular supply with CD or Actual demand in excess of 2500 kVA	550	465
Rate HTP-III: supply of electricity at high voltage, contracting for not less than 100 kVA for temporary	745	660
Rate HTP-IV: Supply of electricity to HT consumers opting to use electricity exclusively during night hours from 10.00 PM to 06.00 AM next day and contracted for regular power supply of 100 kVA and above.	If electricity utilized for the period other than night hours, then tariff of relevant slab of HTP I category shall apply	240



ToD Tariff rates as applicable to Torrent Power Ltd - Ahmedabad and Gandhinagar with respect to ariff Orders dated 31<sup>st</sup> March, 2015 is tabulated below;

**RATE: HTMD-1**

Applicable for supply of energy to High Tension consumers contracting for maximum demand of 100 kW and above for purposes other than pumping stations run by local authorities.

**ENERGY CHARGE**

i) First 400 units consumed per kW of Billing Demand per Month	445 Paise per unit
ii) Remaining Units consumed per Month	435 Paise per unit

**TIME OF USE (TOU) CHARGE**

For the Consumption during specified hours as mentioned here below :	
(i) For April to October period- 1200 Hrs. To 1700 Hrs. & 1830 Hrs. To 2130 Hrs.	
(ii) For November to March period- 0800 Hrs. To 1200 Hrs. & 1800 Hrs. To 2200 Hrs.	
(a) For Billing Demand up to 300 kW	80 Paise per unit
(b) For Billing Demand Above 300 kW	100 Paise per unit

**NIGHT TIME CONCESSION**

The energy consumed during night hours between 22.00 hours and 06.00 hours next day recorded by the tariff meter having built in feature of time segments, in excess of one third of total energy consumed during the month, shall be eligible for rebate at the rate of 60 Paise per KWH.

**RATE: HTMD-2**

Applicable for supply of energy to Water and Sewage Pumping Stations run by local authorities and contracting for maximum demand of 100 kW and above.

**ENERGY CHARGE**

A flat rate of	400 Paise per unit
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**TIME OF USE (TOU) CHARGE**

For the Consumption during specified hours as mentioned here below-	
i For April to October period-1200 Hrs. To 1700 Hrs. & 1830 Hrs. To 2130 Hrs.	60 Paise per unit
ii For November to March period-0800 Hrs. To 1200 Hrs. & 1800 Hrs. To 2200 Hrs.	



### NIGHT TIME CONCESSION

The energy consumed during night hours between 22.00 hours and 06.00 hours next day recorded by the tariff meter having built in feature of time segments, in excess of one third of total energy consumed during the month, shall be eligible for rebate at the rate of 60 Paise per KWH.

#### RATE: HTMD-3

Applicable to a consumer taking supply of electricity at high voltage, contracting for not less than 100 kW for temporary period.

#### ENERGY CHARGE

A flat rate of	695 Paise per unit
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#### TIME OF USE (TOU) CHARGE

For the Consumption during specified hours as mentioned here below-	
(i) For April to October period-1200 Hrs. To 1700 Hrs. & 1830 Hrs. To 2130 Hrs.	60 Paise per unit
(ii) For November to March period-0800 Hrs. To 1200 Hrs. & 1800 Hrs. To 2200 Hrs.	

#### RATE: NTCT: NIGHT TIME CONCESSIONAL TARIFF

This is night time concessional tariff for consumers for regular power supply who opt to use electricity EXCLUSIVELY during night hours between 22.00 hours and 06.00 hours next day.

#### FIXED CHARGE

Fixed Charges	30% of the Demand Charges under relevant Tariff Category
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#### ENERGY CHARGE

A flat rate of	340 Paise per unit
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In case the consumer is not fulfilling the conditions of this tariff category, then such consumer for the relevant billing period will be billed under tariff category HTMD.

ToD Tariff rates as applicable to Torrent Power Ltd - Surat with respect to Tariff Orders dated 31<sup>st</sup> March, 2015 is tabulated below;

#### Rate HTMD-1

This tariff shall be applicable for supply of energy to consumers at 3.3 KV and above for contracting the demand of 100 KVA and above for purposes other than pumping stations run by Local Authorities.



**ENERGY CHARGES:**

i) First 400 units per kVA billing demand per month	480 Paise/unit
ii) Remaining units consumed per month	470 Paise/unit

**PLUS**

**TIME OF USE CHARGE:**

For energy consumption during the two peak periods, viz., 0700 Hrs to 1100 Hrs and 1800 Hrs to 2200 Hrs.	
For billing demand up to 500 kVA	65 paise/unit
For billing demand above 500 kVA	100 paise/unit

**NIGHT TIME CONCESSION**

The energy consumed during night hours between 22.00 hours and 06.00 hours next day (recorded by the tariff meter operated through time switch or built in feature of time segments, if incorporated) as is in excess of one third of total energy consumed during the month, shall be eligible for concession of 60 Paise per KWH.

**RATE: HTMD-2**

This tariff shall be applicable for supply of energy at 3.3KV and above and contracting for demand of 100 KVA and above for water works and pumping stations run by Local Authorities.

**ENERGY CHARGES:**

i) First 400 units per kVA billing demand /month	475 Paise/unit
ii) Remaining units consumed /month	470 Paise/unit

**PLUS**

**TIME OF USE CHARGES:**

For energy consumption during the two peak periods, viz., 0700 Hrs to 1100 Hrs and 1800 Hrs to 2200 Hrs.	
For billing demand up to 500 kVA	45 paise/unit
For billing demand above 500 kVA	80 paise/unit

**NIGHT TIME CONCESSION**

The energy consumed during night hours between 22.00 hours and 06.00 hours next day (recorded by the tariff meter operated through time switch or built in feature of time segments, if incorporated) as is in excess of one third of total energy consumed during the month, shall be eligible for concession of 60 Paise per KWH.



**RATE: HTMD-3**

Applicable to a consumer taking supply of electricity at high voltage, contracting for not less than 100 kVA for temporary period.

**ENERGY CHARGE**

A flat rate of	695 Paise per unit
----------------	--------------------

**TIME OF USE (TOU) CHARGE**

For energy consumption during the two peak periods, viz., 0700 Hrs to 1100 Hrs and 1800 Hrs to 2200 Hrs.	
For billing demand up to 500 kVA	45 paise/unit
For billing demand above 500 kVA	80 paise/unit

**RATE: NTCT: NIGHT TIME CONCESSIONAL TARIFF**

This is night time concessional tariff for consumers for regular power supply who opt to use electricity EXCLUSIVELY during night hours between 22.00 hours and 06.00 hours next day.

**FIXED CHARGE**

Fixed Charges	30% of the Demand Charges under relevant Tariff Category
---------------	--

**ENERGY CHARGE**

A flat rate of	340 Paise per unit
----------------	--------------------

In case the consumer is not fulfilling the conditions of this tariff category, then such consumer for the relevant billing period will be billed under tariff category HTMD.

**3.3.4 FPPPA Charges:**

The Tariff Policy notified by the Government of India provides for speedy recovery of uncontrollable costs i.e. incremental fuel and power purchase costs so that future consumers are not burdened with past costs.

Appellate Tribunal for Electricity (APTEL) also, in its order dated 11<sup>th</sup> November, 2011 in OP NO.1 of 2011, directed that every State Commission must have in place a mechanism for Fuel and Power Purchase cost in term of Section 62 (4) of the Act to compensate the distribution companies for the increase in cost of power procurement during the financial year.

Concept of recovery of Fuel and Power Purchase Adjustment (FPPPA) charges on quarterly basis is in place in the State for state owned DISCOMs since 2004 and for TPL since 2007. The Commission had approved a formula for calculation of FPPPA charges for State owned DISCOMs in its order dated 24<sup>th</sup> June, 2004 and for TPL vides Order 31<sup>st</sup> July, 2007. In the Case No. 1309/2013 and 1313/2013 dated 29<sup>th</sup> October, 2013 the Commission revisited and modified the FPPPA formula for GUVNL and TPL as



the old formula was not adequate to address the variation in purchase of energy quantity from different sources. Due to this a huge amount was remaining unrecovered during the year and was reflecting as gap in the Truing up. Thus, to allow timely recovery of variation in power purchase cost, the Commission devised a more realistic FPPPA formula.

The Commission has directed distribution utilities to obtain approval of the commission if increase in FPPPA beyond ten (10) paise per kWh in a quarter compared to FPPPA charges in the previous quarter, prior to start billing to the consumers.

DISCOMs and TPL regularly submits the FPPPA charge calculations along with supporting documents to the Commission on quarterly basis. The Commission undertakes analysis of the submission made by the utilities and if there are any discrepancies or deviations from the original FPPPA order, necessary instructions are being passed on to the respective utility. Based on the Commission's instruction, required corrections are made in the FPPPA charge by the Utilities.

The FPPPA charges billed for the FY 2015-16 is shown in the below Table;

FY 2015-16	DISCOMs	TPL
Apr.'15 to Jun.'15	1.60	1.98
Jul.'15 to Sept.'15	1.42	1.98
Oct.'15 to Dec.'15	1.42	1.98
Jan.'16 to Mar.'16	1.35	1.98

Information regarding FPPPA recovery and the FPPPA calculations submitted to the Commission for approval are kept on the website of Licensees.

### 3.4 DISPOSAL OF PETITIONS AND APPEALS

The Commission has disposed of 68 petitions during the financial year. Total 68 petitions and one Appeal were pending as on 31.03.2016. Miscellaneous Applications were received during the financial year 2015-16. The details are given in the table below:

Particulars	Pending	Received	Total	Disposed	Pending
	as on	During the		During the	as on
	Dt. 1-4-2015	Year		Year	Dt. 31-03-2016
Petitions	61	75	136	68	68
Appeals	1	0	1	0	1
<b>Total</b>	<b>62</b>	<b>75</b>	<b>137</b>	<b>68</b>	<b>69</b>

The details of Petitions disposed of during the year 2015-16 are depicted in Annexure 3.



### 3.5 ADJUDICATION OF DISPUTES AND DIFFERENCES

#### Consumer Grievance Redressal Forum

Recognizing the need for proper Redressal of consumers' grievances, the Electricity Act, 2003, under section 42(5) requires distribution licensees to establish a forum for Redressal of the consumer grievances. In addition, it also provides for establishment of the office of the Ombudsman for representation, if any, against decisions of the forum. These are additional avenues, besides any other, which the distribution licensees may create, for Redressal of grievances.

All the six distribution licensees operating in the state have established forums for Redressal of grievances. The Commission has appointed independent members for all the Consumer Grievances Redressal Forums established by various distribution licensees. The locations of the forums are shown in Annexure 5. The Commission is monitoring the working of such forums through quarterly reports submitted to it and review meetings.

#### Electricity Ombudsman

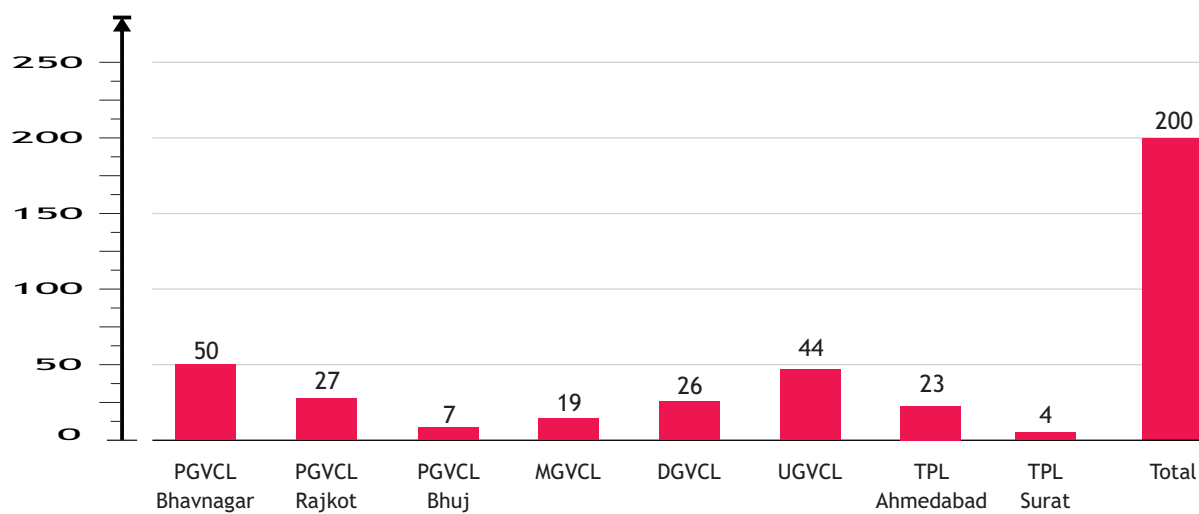
The Commission has appointed Shri Dilip Raval as the Electricity Ombudsman with a well-equipped independent office and supporting staff. Representations against orders of the forums are being filed before the Ombudsman, who functions in accordance with Consumer Grievances Redressal Forum and Ombudsman Regulations, 2011. The details of the representations to the Ombudsman's office are as follows:

No. of cases pending at the beginning of the year	No. of cases received during the year	Total no. of cases	No. of cases disposed during the year	No. of cases pending at the end of the year
15	185	200	174	26

The nature of the representations received and their forum-wise break-up are given in Annexure 6,7, 8 respectively.



Status of Grievances (Griv. Pending at the beginning of the year + received during the year) during the FY 15-16 received by the Electricity Ombudsman.

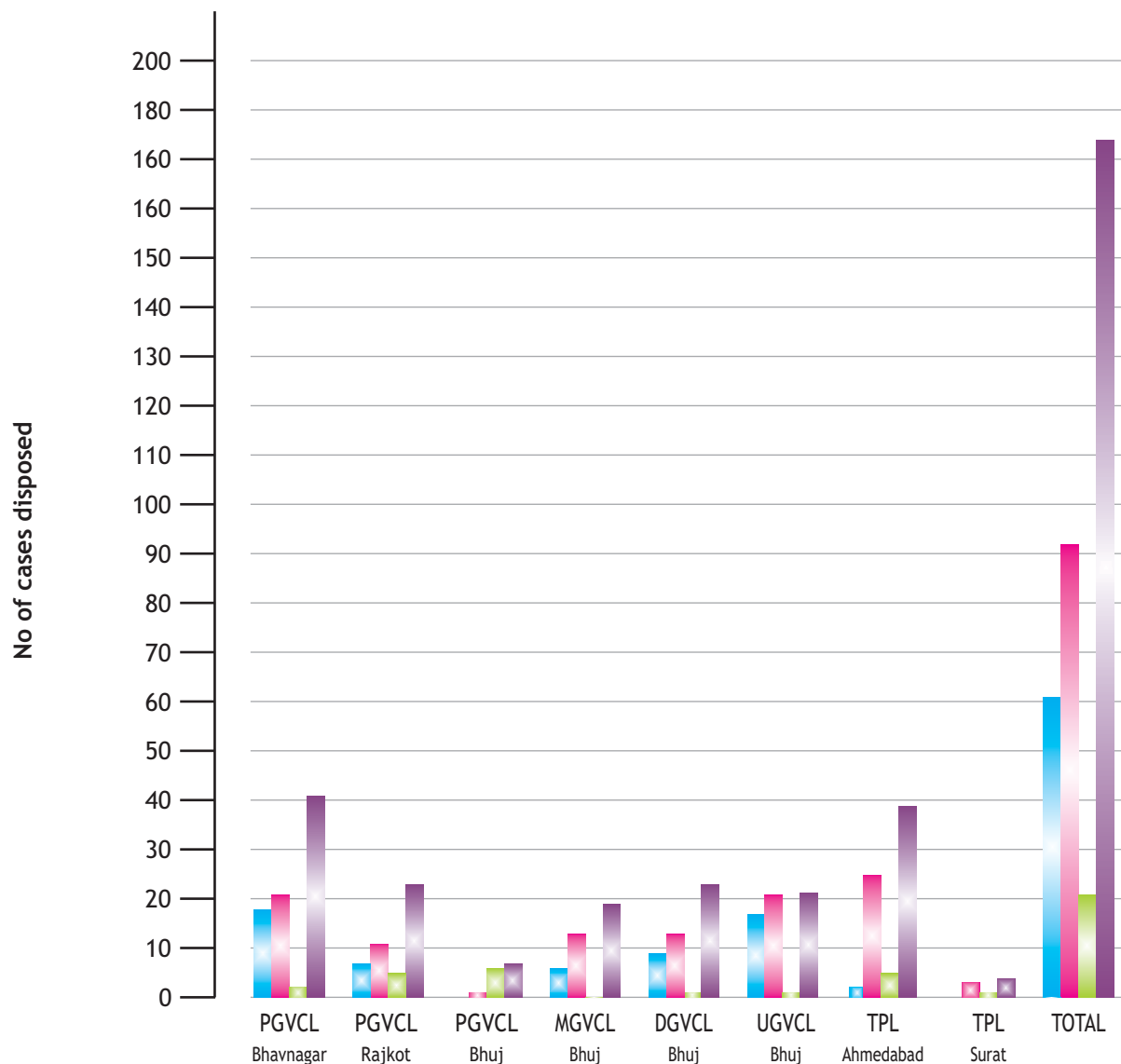


The cases disposed by the Electricity Ombudsman during the year in which the cases are in favour of Appellant, in favour of licensee and others for FY 2015-16 received by the Electricity Ombudsman.



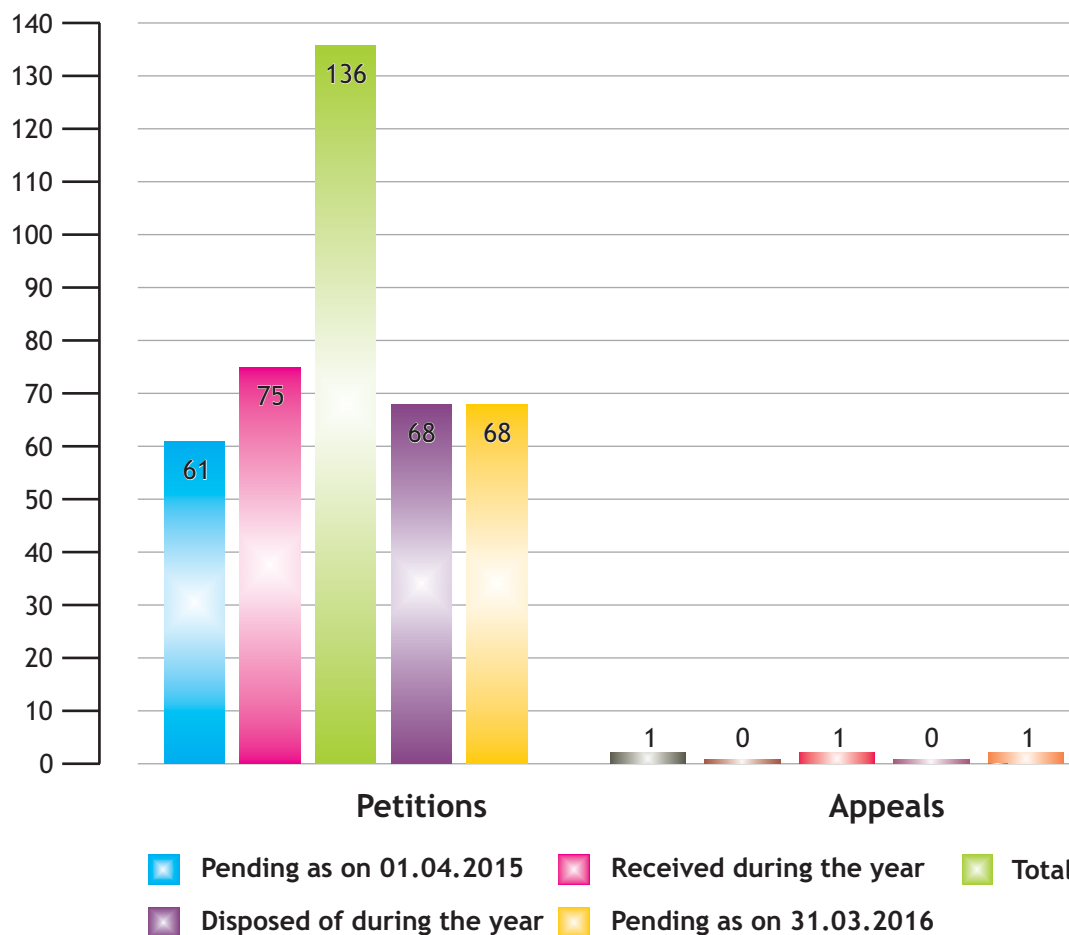
The cases disposed by the Electricity Ombudsman during the year in which the cases are in favour of Appellant, in favour of licensee and others13-14 received by the Electricity Ombudsman

### Cases Disposed during the Year FY 2015-16



	PGVCL Bhavnagar	PGVCL Rajkot	PGVCL Bhuj	MGVCL Vadodra	DGVCL Surat	UGVCL Mhsana	TPL Ahd.	TPL Surat	TOTAL
In Favour of Appellant	18	7	0	6	9	17	4	0	61
In Favour of License	21	11	1	13	13	21	9	3	92
Others	2	5	6	0	1	1	5	1	241
Total	41	23	7	19	23	39	18	4	174

## Status of Petitions during FY 2015-16



### 3.6 State Advisory Committee

GERC in terms of the Electricity Act, 2003, has constituted a State Advisory Committee to represent the interests of Commerce, industry, transport, agriculture, consumers, Non Government Organizations, education and research. The constitution of the Committee is given in Annexure 9. The Committee meets regularly to deliberate the issues regarding:

1. Problems related to Policy.
2. Quality, continuity and regulations of the services provided by the licensees.
3. Implementation of terms and conditions and requirements of the licenses of licensees
4. Protection of consumers' interests.
5. Electricity supply and overall standards of performance by utilities.

During the Year 2015-16, the Committee held two meeting on 21<sup>st</sup> Meeting on 22<sup>nd</sup> April, 2015 and 22<sup>nd</sup> Meeting on 24<sup>th</sup> February 2016 at GIFT City, Gandhinagar.



### 3.7 TRAINING PROGRAMME:-

Total 19 Training / workshops etc. attended by Staff Members of GERC during the Year 2015-16 (01.04.2015 to 31.03.2016): -

### 3.8 FOR Meeting:

Chairman, who is member of the forum, actively participated in various meeting.

Sl No.	Period	Details	Attended by
1	06/04/2015	47 <sup>th</sup> Meeting of FOR at New Delhi	Shri Pravinbhai Patel, Chairman
2	25/05/2015	FOR Working Group Meeting on Power Quality	Shri Pravinbhai Patel, Chairman
3	10/06/2015 to 11/06/2015	FOR Working Group Meeting in Standardization of Electricity Bill	Shri Pravinbhai Patel, Chairman
4	27/07/2015	49 <sup>th</sup> Meeting for FOR at Ahmedabad	Shri Pravinbhai Patel, Chairman
5	27/07/2015	49 <sup>th</sup> Meeting for FOR at Ahmedabad	Dr. M. K. Iyer, Member
6	29/09/2015	50 <sup>th</sup> Meeting of FOR at Pune	Shri K. M. Shringarpure, I/c Chairman
7	30/11/2015	51 <sup>st</sup> Meeting of FOR at New Delhi	Shri K. M. Shringarpure, I/c Chairman
8	02/12/2016	52 <sup>nd</sup> Meeting of FOR at New Delhi	Shri K. M. Shringarpure, I/c Chairman
9	18/03/2016	53 <sup>rd</sup> Meeting of FOR at New Delhi	Shri K. M. Shringarpure, I/c Chairman

### 3.9 FOIR Meeting

The Forum of Indian Regulators is a society registered under the Societies Registration Act, to promote transparency in the working of regulatory bodies, protect consumer interest and develop consumer advocacy organizations, develop human and institutional capacities in regulatory bodies, utilities and other stake holders, research the efficiency and effectiveness of independent regulation, provide an information base on regulatory law and practices and regulatory economics, collaborate with academic and research institutions, professional bodies and NGOs in India and internationally; in areas of interest to the society. No one has participated in FOIR Meeting during the FY 2015-16.



### 3.10 Important Orders/Regulations issued During the FY 2015-16.

#### 1. Applicability of procurement of energy from renewable sources to captive and open access users (Notification No. 2 of 2015)

The Commission has notified the Gujarat Electricity Regulatory Commission (Procurement of Energy from Renewable Sources) Regulations, 2010 (Notification No.3 of 2010) and the Gujarat Electricity Regulatory Commission (Procurement of Energy from Renewable Sources) (First Amendment) Regulations, 2014. The Notification No. 3 of 2010 consists of Clause (iv) of Regulation (1) and Regulation 8, which stated that the quantum of RPO mentioned shall be applicable to captive and open access user(s)/ consumer(s) from the date of notification in the Official Gazette. However, the date to be notified by the Commission separately.

The aforesaid Notification No. 3 of 2010 was challenged by some of the obligated entities by filing Special Civil Application Nos. 171/2011, 558/2011, 564/2011, 597/2011, 936/2011, 791/2011, 7048/2011, 10471/2013 before the Hon'ble High Court of Gujarat. In the said SCAs, Hon'ble Gujarat High Court passed an Order dated 12.3.2015 and dismissed the Special Civil Applications filed by the parties. The said Order of Hon'ble High Court was challenged by the Original Petitioners by filing the Letters Patent Appeal Nos. (1) 598 of 2015, (2) 599 of 2015, (3) 600 of 2015, (4) 601 of 2015, (5) 828 of 2015, (6) 829 of 2015, (7) 832 of 2015, and (8) 847 of 2015 in it. After hearing the parties, the Hon'ble High Court decided not to grant any stay prayed by the Appellants and hence, the Commission is at liberty to notify the applicability of Regulations 1 (iv) and Regulation 8 of the Gujarat Electricity Regulatory Commission (Procurement of Energy from Renewable Sources) Regulations, 2010 (Notification No.3 of 2010), and they shall be subject to the final decision given in the LPANo. 828 of 2015 & allied matters.

Thereafter, the Commission in exercise of the powers conferred under sections 61, 86 (1) (e) and 181 of the Electricity Act, 2003 read with sub-regulation (iv) of Regulation 1 and Regulation 8 of the Gujarat Electricity Regulatory Commission (Procurement of Energy from Renewable Sources) Regulations, 2010 (Notification No.3 of 2010) (Principal Regulations) and Gujarat Electricity Regulatory Commission (Procurement of Energy from Renewable Sources) (First Amendment) Regulations, 2014 (Notification No. 2 of 2014), and all other powers enabling it in this behalf Gujarat Electricity Regulatory Commission notified the 1<sup>st</sup> day of July, 2015, as the date on which the sub-regulation (iv) of Regulation 1 and Regulation 8 of Gujarat Electricity Regulatory Commission (Procurement of Energy from Renewable Sources) Regulations, 2010 (Notification No.3 of 2010) shall come into force and the Renewable Purchase Obligation shall become applicable to Captive and Open Access User(s)/Consumer(s).

#### 2. Suo-Motu proceedings for monitoring of Renewable Purchase Obligations by the obligated entities:

The Commission has notified the GERC (Procurement from Energy from Renewable Sources) Regulations, 2010 and Gujarat Electricity Regulatory Commission (Procurement of Energy from Renewable Sources) (First Amendment) Regulations, 2014 (Notification No. 2 of 2014). In the above Regulations the Commission has notified the RPO percentage to be complied by the obligated entities during different financial years by procurement of renewable energy as a part of total procurement of power. The Hon'ble Tribunal has passed an order dated 25/04/2014 in Appeal No. 24



of 2013 and IA No. 39 of 2013 and directed the Commission to monitor the RPO percentage on year to year basis. Moreover, while verifying the compliance of RPO by the obligated entities, the Commission shall be required to direct the obligated entities to issue a public notice to invite comments and suggestions from the stakeholders for compliance of the Renewable Purchase Obligations.

The Commission had issued daily order dated 7.11.2015 in Petition No. 1518 of 2015 filed by GUVNL and observed that the obligated entities are required to comply the Renewable Purchase Obligation (RPO) during the year and the Commission shall verify the compliance of Renewable Purchase Obligation by the obligated entities on completion of the year. Moreover, Torrent Power Limited filed a Petition No. 1536 of 2015 for compliance of RPO by them. Therefore, the Commission directed GUVNL and TPL to invite comments and suggestions from stakeholders by publishing the public notice and hosting the petition on their websites for inviting comments and suggestions from the stakeholders.

For the other distribution licensees namely Torrent Energy Limited, Kandla Port Trust, MPSEZ Utilities Pvt. Limited, Jubilant Infrastructure Pvt. Limited, M/s. Aspen Infrastructure Limited, and GIFT Power Company Limited, the Commission decided to initiate Suo-Motu proceedings for verification of compliance of RPO of FY 2014-15 by above entities. The Commission has made GEDA as a party to the said proceedings being the Nodal Agency. The Commission heard the above matters on 22.12.2015 for compliance of RPO for FY 2014-15 by GUVNL in Petition No. 1518 of 2015, TPL in Petition No. 1536 of 2015 and in Suo-Motu Petition No. 1542 of 2015 for MPSEZ Utilities Pvt. Limited and Others and reserved the matter for order.

### **3. Suo-Motu Order No. 2 of 2015**

The control period of the Order No. 1 of 2012 dated 27.01.2012 in the matter of “Determination of tariff for Procurement by the Distribution Licensees and others from Solar Energy Projects” was from 29 January, 2012 to 31 March, 2015.

Since, the Commission was in process of determination of tariff for procurement of power by distribution licensees and others from solar energy projects for the State of Gujarat for the next control period, hence, as an interim arrangement, the Commission extended the control period of the Order No. 1 of 2012 dated 27.01.2012 up to 30.06.2015. The applicable tariff for the period from 1.04.2015 to 30.06.2015 was as determined for the last year of the previous control period, i.e. for the year 2014-15.



#### 4. Solar Tariff Order No. 3 of 2015

The Commission passed Order No. 3 of 2015 dated 17.08.2015 and decided the tariff for procurement of power by Distribution Licensees and others from Solar Energy Projects. The various parameters considered for tariff determination of solar photovoltaic projects are as follows:

##### Summary of parameters for photovoltaic power projects

Parameters	Value		
<b>Plant Cost</b>			
Capital Cost	INR	615	Lakhs per MW for large rooftop and megawatt-scale system
	INR	0.80	Lakhs per kW for kilowatt-scale system
O & M Cost	INR	10.90	Lakhs/MW/annum
		0.01	Lakhs/kW/annum
Escalation in O & M Cost		5.72%	Annually
<b>Performance Parameters</b>			
Capacity Utilization Factor		19%	
Performance Degradation		1%	Annually
Auxiliary Consumption		0.25%	of Energy Generation for megawatt scale
		NIL	of Energy Generation for kilowatt scale
Useful Life		25	Years
<b>Financial Parameters</b>			
Debt : Equity Ratio		70 : 30	
Loan Tenure		10	Years
Interest Rate on Loan		12.70%	Annually
Insurance Cost		0.35%	Annually
Interest on Working Capital		11.85%	Annually
Working Capital	Sum	1	Month's O&M Expense
	of:	1	Months' Energy Charges at normative CUF
Rate of Depreciation		6%	Annually for the first 10 years
		2%	Annually for the next 15 years
Minimum Alternate Tax Rate		20.008%	Annually for the first 10 years
Corporate Tax Rate		32.445%	Annually from the 11 <sup>th</sup> year until 25 <sup>th</sup> year
Return on Equity		14%	Annually
Discount Rate		10.647%	Annually

The levelised tariffs for solar photovoltaic plants for a period from July 1, 2015 to March 31, 2018 are arrived through a financial analysis and are as follows:



**Levelised tariff for megawatt-scale and kilowatt-scale photovoltaic systems commissioned  
between July 1, 2015 and March 31, 2018.**

<b>Period</b>	<b>July 1, 2015 to March 31, 2016</b>	<b>April 1, 2016 to March 31, 2017</b>	<b>April 1, 2017 to March 31, 2018</b>
<b>Levelized Tariff for Large Rooftop and Megawatt Scale Power Plant</b>			
Without Accelerated Depreciation Benefit	6.77	6.30	5.86
With Accelerated Depreciation Benefit	6.17	5.74	5.34
<b>Levelized Tariff for Kilowatt Scale Power Plant</b>			
Without Accelerated Depreciation Benefit	8.42	7.83	7.28
With Accelerated Depreciation Benefit	7.64	7.11	6.61

The various parameters considered for tariff determination of solar thermal power projects are as follows:



**Table: Summary of parameters for solar thermal power plants.**

Parameters	Value		
<b>Plant Cost</b>			
Capital Cost	INR	1200	Lakhs per MW for megawatt-scale system
O & M Cost		1.5%	of Capital Cost
Escalation in O & M Cost		5.72%	Annually
<b>Performance Parameters</b>			
Capacity Utilization Factor		23%	
Performance Degradation		0.25%	Annually
Auxiliary Consumption		10%	of Energy Generation
Useful Life		25	Years
<b>Financial Parameters</b>			
Debt : Equity Ratio		70 : 30	
Loan Tenure		10	Years
Interest Rate on Loan		12.70%	
Insurance Cost		0.35%	Annually
Interest on Working Capital		11.85%	Annually
Working Capital	Sum of:	1	Month's O&M Expense
		1	Months' Energy Charges at normative CUF
Rate of Depreciation		6%	Annually for the first 10 years
		2%	Annually for the next 15 years
Minimum Alternate Tax Rate		20.008%	Annually for the first 10 years
Corporate Tax Rate		32.445%	Annually from the 11 <sup>th</sup> year until 25 <sup>th</sup> year
Return on Equity		14%	Annually
Discount Rate		10.647%	Annually

The levelized tariffs for solar thermal power plants for a period from July 1, 2015 to March 31, 2018 are arrived through a financial analysis and are as follows:

**Table: Levelized tariff for solar thermal power plants commissioned between July 1, 2015 and March 31, 2018.**

<b>Levelized Tariff for Solar Thermal Power Plants</b>	
Without Accelerated Depreciation Benefit	INR 11.22 per kWh
With Accelerated Depreciation Benefit	INR 10.11 per kWh



## 5 Additional Surcharge:

The Commission vide its Order dated 12.03.2014 in Petition No. 1302/2013, filed by Gujarat Urja Vikas Nigam Limited and distribution licensees PGVCL, MGVCL, DGVCL UGVCL, decided the applicability as well as the methodology for calculation of Additional Surcharge. The Commission in the said Order also decided the Additional Surcharge of ₹. 0.42/kWh applicable to the Open Access consumers of distribution licensees for the control period 1<sup>st</sup> April, 2014 to 30<sup>th</sup> September 2014 based on the data of period 1<sup>st</sup> April, 2013 to 30<sup>th</sup> September, 2014.

The Commission, since, then carries out the exercise of determination of Additional Surcharge upon the data submitted by the licensees for half yearly control periods i.e. from 1<sup>st</sup> April to 30<sup>th</sup> September and 1<sup>st</sup> October to 31<sup>st</sup> March. For control period 1<sup>st</sup> October, 2015 to 31<sup>st</sup> March, 2016, the Commission vide its Order No. 4 of 2015 dated 28.10.2015 determined the Additional Surcharge of ₹. 0.66/kWh and for control period 1<sup>st</sup> April, 2016 to 30<sup>th</sup> September, 2016 the Commission vide its Order No. 1 of 2016 dated 4.3.2016 determined the Additional Surcharge of Rs. 0.49/ kWh, based on the approved formula and methodology as per its order dated 12.03.2014 in petition No. 1302/2013.

## 6 Suo-Motu Petition No. 1564/2016: Extension of applicability of generic tariff Order No. 2 of 2012 dated 08.08.2012 in the matter of “Determination of Tariff for Procurement of Power by the Distribution Licensees and Others from Wind Power Projects” till issuance of the generic tariff order for next control period by the Commission.

The Control Period of the GERC Wind Tariff Order dated 8<sup>th</sup> August, 2012 was from 11<sup>th</sup> August, 2012 to 31<sup>st</sup> March, 2016. Suo-Motu proceeding was initiated by the Commission to provide regulatory clarity amongst the generators, licensees and consumers etc. about the tariff and commercial conditions applicable to such WTGs if set up by them during the period from 1.04.2016 till the date of preferential tariff order for new control period.

The Commission has decided that tariff along with commercial terms and conditions determined in Order No. 2 of 2012 dated 8.08.2012 read with Order dated 7.01.2013 in Petition No. 1243 of 2012 and 1249 of 2012 shall be applicable to the projects commissioned during the period from 1.04.2016 till the new tariff is determined by the Commission and order is passed in this regard.

## 7 Suo-Motu Petition No. 1565/2016: Extension of applicability of generic tariff of Order No. 4 of 2013 dated 8.08.2013 in the matter of Determination of Tariff for Procurement of Power by the Distribution Licensees and Others from Biomass based Power Projects and Bagasse based Co generation Projects till the issuance of the generic tariff order for next control period by the Commission.

The Control Period of the generic tariff for procurement of power by distribution licensees and others from Biomass based Power Projects and Bagasse based Co-generation Projects, was from 1.08.2013 to 31.03.2016. Suo-Motu proceeding was initiated by the Commission to provide regulatory clarity amongst the generators, licensees and consumers etc. about the tariff and commercial conditions applicable to such Biomass or bagasse based projects if set up by them during the period from 1.04.2016 till the date of preferential tariff order for new control period.2 of 2016 dated. 19/02/2016. This is the First Amendment to be repealed GERC (MYT) Regulations.



The Commission has decided that tariff along with commercial terms and conditions determined in Order No. 4 of 2013 dated 8.08.2013 shall be applicable to the projects commissioned during the period from 1.04.2016 till the new tariff is determined by the Commission and order is passed in this regard.

#### **8 Notification No. 5 of 2016: Regulations for Net Metering Rooftop Solar PV Grid Interactive Systems**

The commission has come out with the Draft Regulations on Net Metering Rooftop Solar PV Grid Interactive Systems to provide the Regulatory clarity to all the stakeholders which include developers as well as the generators and the distribution licensee. The Draft Regulations was issued on 1.02.2016 by the Commission on website with advertisement of public notices in English and Gujarati News Papers for inviting comments/suggestions from the various stakeholders of the State of Gujarat. The Commission held hearing on this draft regulation on 23.03.2016.

#### **9 Issuance of Licence to the concern entities pursuance to Order dated 17.8.2015 in Suo-Motu Petition No. 1446 of 2014.**

The Commission has in its Order dated 17.8.2015 in Suo-Motu Petition No. 1446 of 2014 decided to issue distribution licenses to Dakshin Gujarat Vij Company Limited, Madhya Gujarat Vij Company Limited, Uttar Gujarat Vij Company Limited, Madhya Gujarat Vij Company Limited, Kandla Port Trust, MPSEZ Utilities Private Limited and Aspen Infrastructure Limited and Transmission licence to Gujarat Energy Transmission Corporation Limited for terms as specified in the said Order. Thus, in pursuant to the above Order, the Distribution Licence Nos. 1 to 7 of 2016 have been issued to Uttar Gujarat Vij Company Limited, Madhya Gujarat Vij Company Limited, Dakshin Gujarat Vij Company Limited, Paschim Gujarat Vij Company Limited, Kandla Port Trust, MPSEZ Utilities Private Limited and Aspen Infrastructure Limited respectively, whereas Gujarat Energy Transmission Corporation Limited has been issued Transmission Licence 1 of 2016.

#### **10 Regulations notified during FY 2015-16**

- The GERC (Electricity Supply Code and Related Matters) Regulations, 2015

The Commission has notified the GERC (Electricity Supply Code and Related Matters) Regulations, 2015 vide Notification No. 4 of 2015 dated 22.09.2015 taking reference of the Model Supply Code regulations, 2010 of Forum of regulators. The said regulations has repealed the GERC (Electricity Supply Code and Related Matters) Regulations, 2005 and subsequent four amendments. The Commission has also established the Gujarat Electricity Supply Code Review Panel vide letter dated 29.02.2016 to make the regulations in consistence with needs and requirements of consumers and technological changes.

- The GERC Distribution Code (Second Amendment), 2016

The Commission has notified the GERC Distribution Code (Second Amendment), 2016 vide Notification No. 1 of 2016 dated 05.02.2016 considering the changes proposed by the Distribution Code Review Panel. The said regulations has been notified emphcsizing on importance of power quality, technological advancements, and also to align the Distribution Code with Supply Code Regulations, 2015



- The GERC (Multi-Year Tariff) Regulations, 2016

The Commission has notified the GERC (Multi-year Tariff) Regulations, 2016 vide Notification No. 4 of 2016 dated 29.03.2016 which shall come into effect from 29.03.2016 and shall remain in force till 31<sup>st</sup> March, 2021, unless otherwise reviewed/ extended. These regulations supersede the GERC (Multi-Year Tariff) Regulations, 2011 and GERC (levy and Collection of Fees and Charges by SLDC) Regulations, 2005.

- The GERC (Multi Year Tariff) (First Amendment) Regulations, 2016

The Commission has notified GERC (Multi Year Tariff)(First Amendment) Regulations, 2016 vide Notification No. 2 of 2016 dated. 19/02/2016.



## 4. Accounts

The Gujarat Electricity Regulatory Commission fund is operated under GERC Fund Rules 2005. GERC's income mainly consists of license and petition fees. The fund is audited each year by the Comptroller and Auditor General of India, who certifies the annual accounts, which are laid before the State Legislative Assembly.

The fund is operated through nationalised banks and state-sponsored financial institutions only. Its utilisation is governed by Gujarat Financial Rules 1971, amended from time to time. Surplus fund is invested in the form of fixed deposits in nationalised banks and state government financial institutions. GERC is not availing of any grant / financial support from the Government of Gujarat and is financially self-reliant since 2005.

GUJARAT ELECTRICITY REGULATORY COMMISSION		
BALANCE SHEET AS ON 31 <sup>ST</sup> MARCH 2016		
	Amount - ₹.	
CORPUS / CAPITAL FUND AND LIABILITIES	2015-16	2014-15
CORPUS /GERC CAPITAL FUND	1468000000.00	1233500000.00
RESERVES AND SURPLUS	71818183.72	60210676.68
EARMARKED ENDOWMENT FUNDS	0.00	0.00
SECURED LOANS AND BORROWINGS	0.00	0.00
UNSECURED LOANS AND BORROWINGS	259850.00	2000.00
DEFERRED CREDIT LIABILITIES	0.00	0.00
CURRENT LIABILITIES AND PROVISIONS	14594825.00	22880574.45
<b>TOTAL</b>	<b>1554672858.72</b>	<b>1316593251.13</b>
<b>ASSETS</b>		
FIXED ASSETS	198647126.33	220333023.58
INVESTMENTS -FROM EARMARKED / ENDOWMENT FUNDS	0.00	0.00
INVESTMENTS - OTHERS	0.00	0.00
CURRENT ASSETS, LOANS, ADVANCES	1356025732.39	1096260227.55
MISCELLANEOUS EXPENDITURE		
<b>TOTAL</b>	<b>1554672858.72</b>	<b>1316593251.13</b>



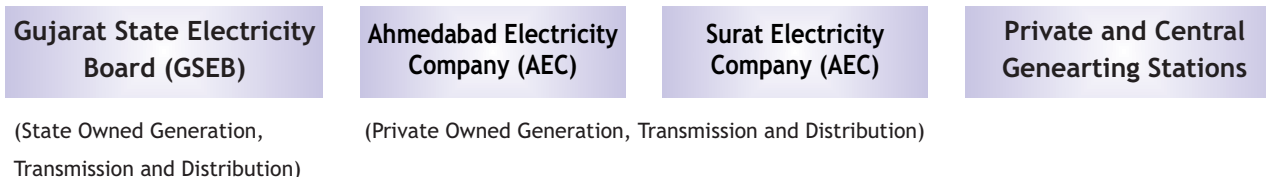
<b>GUJARAT ELECTRICITY REGULATORY COMMISSION</b>		
<b>Income and Expeniture Account for the Year Ended 31<sup>ST</sup> MARCH 2016</b>		
	<b>Amount - ₹.</b>	
<b>INCOME</b>	<b>2015-16</b>	<b>2014-15</b>
Income from sales / service	0.00	0.00
Grants / Subsidies	0.00	0.00
Fees and charges	213497361.00	181550643.00
Income from Investments ( Income on Investment, from earmarked / endowment Funds transferred to Funds)	0.00	0.00
Income from Royalty, Publications etc.	0.00	0.00
Interest Earned	104932879.84	97510756.98
Other Income	5099689.45	21129.00
Increase/Decrease in stock of finished goods & work in progress	0.00	0.00
<b>TOTAL (A)</b>	<b>323529930.29</b>	<b>279082528.98</b>
<b>EXPENDITURE</b>		
Establishment Expenditure	28555764.00	33170355.00
Other Administrative Expenses etc.	26101609.00	24198985.71
Expenditure from Grants, subsidies etc	0.00	0.00
Interest paid	0.00	0.00
Depreciation (Net Total at the year end - corresponding to schedule -8)	22765050.25	25199027.00
<b>TOTAL (B)</b>	<b>77422423.25</b>	<b>82568367.71</b>
Balance being excess of Income over Expenditure (A-B)	246107507.04	196514161.27
Transfer to Corpus Fund	234500000.00	187000000.00
Transfer to General Reserve	11607507.04	9514161.27
Balance being surplus transferred to Balance Sheet	0.00	0.00
SIGNIFICANT ACCOUNTING POLICIES, CONTIGENT LIABILITIES AND NOTES ON ACCOUNTS	-	-



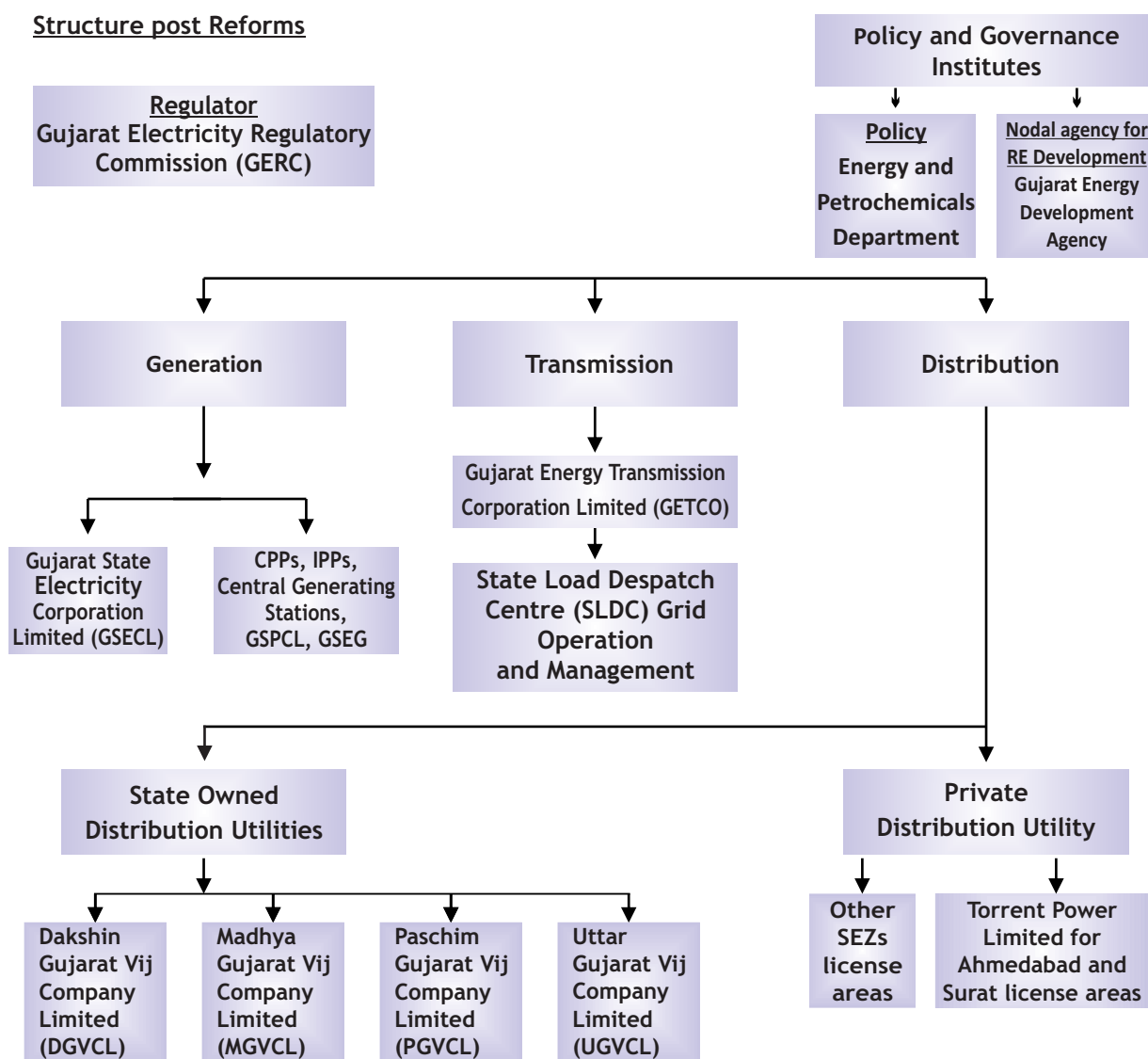
## 5. THE POWER SECTOR SCENARIO IN GUJARAT AN OVERVIEW

### 5. OVER VIEW OF THE POWER SECTOR IN GUJARAT

#### Structure prior to Reforms



#### Structure post Reforms





The figure above depicts the structure of power sector in Gujarat after the implementation of the Electricity Act, 2003.

- ❖ Gujarat Urja Vikas Nigam Limited (GUVNL) is the State Owned Holding Company of all its subsidiaries i.e. GSECL, GETCO, DGVC, MGVC, PGVCL and UGVCL.
- ❖ Gujarat State Electricity Corporation Limited (GSECL) is the State Owned Generation Company.
- ❖ Gujarat Energy Transmission Corporation Limited (GETCO) is the State Owned Transmission Company.
- ❖ State Load Dispatch Centre (SLDC) operating under STU (i.e. GETCO)
- ❖ Dakshin Gujarat Vij Company Limited (DGVCL), Madhya Gujarat Vij Company Limited (MGVCL), Paschim Gujarat Vij Company Limited (PGVCL) and Uttar Gujarat Vij Company Limited (UGVCL) are the State Owned Distribution Companies.

All these six companies are 100% subsidiaries of GUVNL. The GUVNL is engaged in Supervision, Co-ordination and facilitation of the activities of its six Subsidiary Companies.

In addition to this, a private distribution company Torrent Power Ltd. (TPL) is also operating in Gujarat. TPL has generation facility in Ahmedabad and distribution license for Ahmedabad-Gandhinagar and Surat areas.

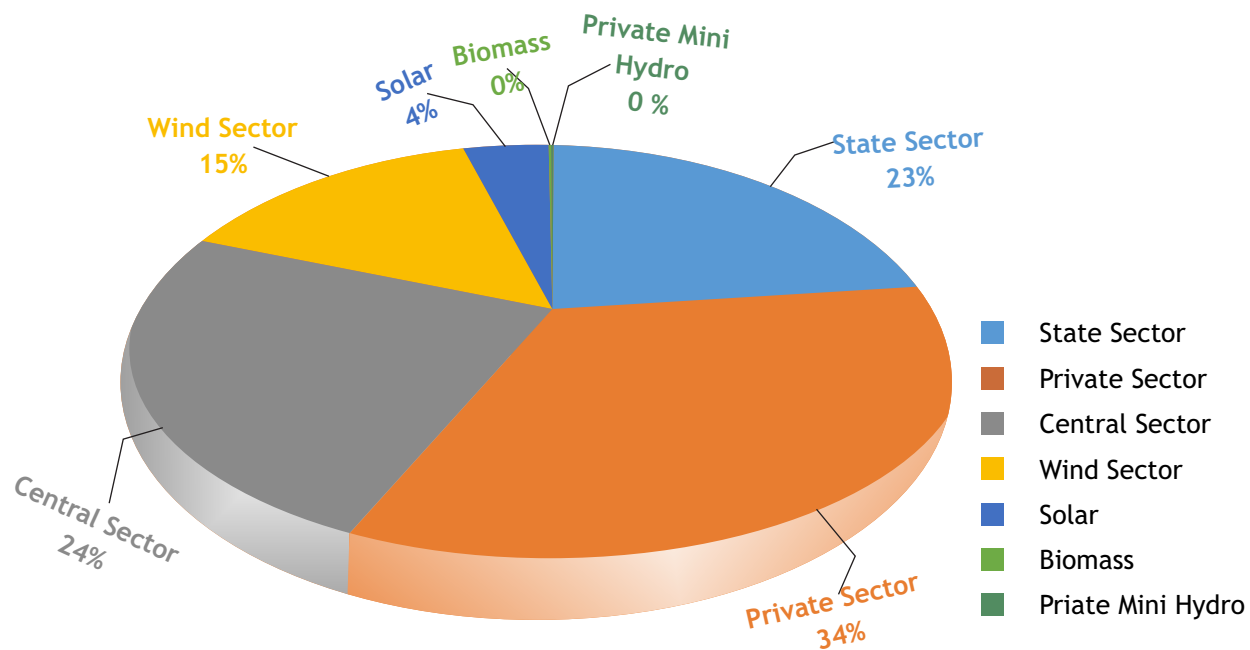
In addition to the above, there are four SEZs, MPSEZ utilities Private Limited (MPSEZ) - The private owned distribution entity for Mundra SEZ area, Kandla Port Trust (KPT) - The Distribution Licensee owned by Kandla Port Trust for its area of operation at Kandla, Torrent Energy Limited (TEL) - The private owned Distribution Entity for Dahej SEZ area, Jubilant Infrastructure Ltd. (JIL) - The private owned Distribution Entity for Ishwaria SEZ near Bharuch, ASPEN Infra. Ltd. (AIL) (erstwhile Synfra Engineering and Construction Ltd.) - The private owned Distribution Entity for Vaghodia SEZ area near Vadodara, which are deemed Distribution Licensees in their respective areas.

**The sector-wise composition of installed generation capacity as on 31.03.2015 and 31.03.2016:**

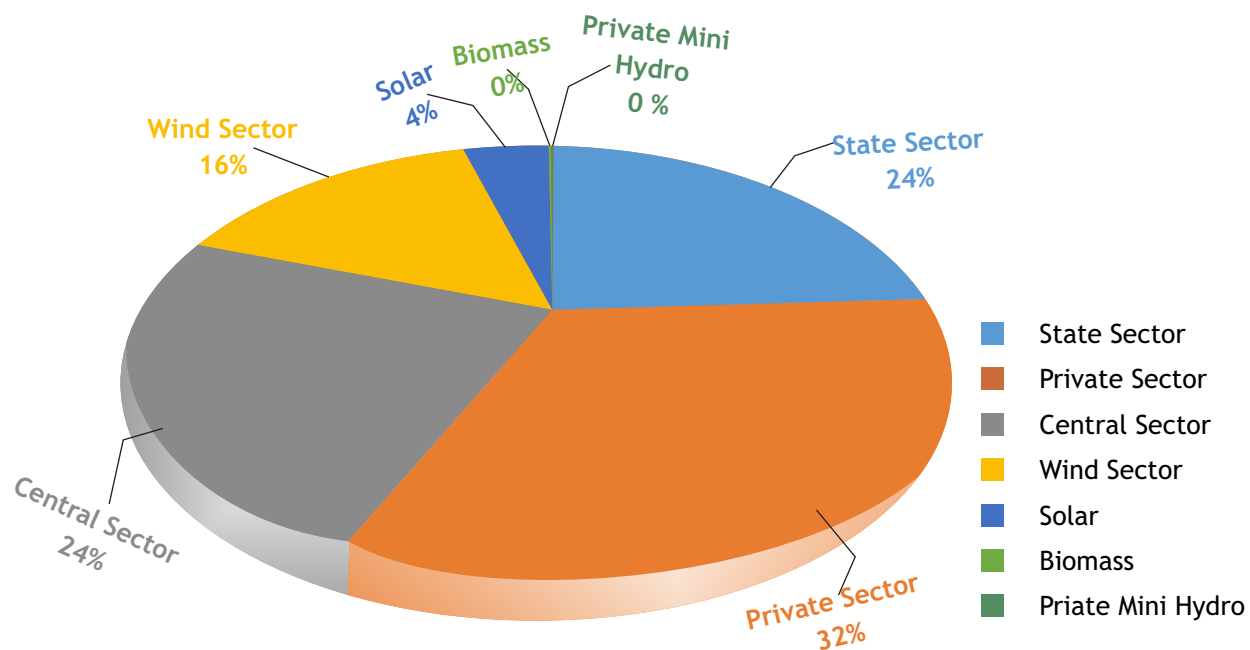
Particulars	As on 31-03-2015		As on 31-03-2016	
	Capacity(MW)	Share (%)	Capacity(MW)	Share (%)
State Sector	5495.57	22.90%	5995.57	23.97%
Private Sector	8125.8	33.86%	8025.80	32.09%
Central Sector	5811.09	24.22%	5904.54	23.61%
Wind Farm	3541.68	14.76%	3932.73	15.72%
Solar	973.54	4.06%	1103.84	4.41%
Biomass	41.1	0.17%	41.10	0.16%
Private Mini Hydro	8.56	0.04%	8.56	0.03%
<b>Total</b>	<b>23997.34</b>	<b>100%</b>	<b>25012.14</b>	<b>100%</b>

*Source - GETCO MIS reports for the month of March 2015 and March 2016*

### As on 31-03-2015 Capacity (MW)



### As on 31-03-2016 Capacity (MW)





As the figure enlightens, there has been capacity addition of 1014.8 MW during the year 2015-16 with the State Sector having major share in it with addition of 500 MW. Wind and Solar have shown growth with capacity addition of 391.05 MW and 130.3 MW respectively during the year 2015-16. Overall renewable addition was 521.35 MW which was highest compared to other sources during the year. There was 100 MW decrease in Private Sector capacity due to retirement of AECO gas Station with effective from 01.04.2014.

**Actual power supply position in terms of Energy Requirement vis-à-vis Energy Availability and demand for the State during the FYs 2014-15 and 2015-16**

State	Requirement	Availability	Surplus (+)		Requirement	Availability	Surplus (+)	
	during the	during the	/Deficit (-)		during the	during the	/Deficit (-)	
	year 2014-15	year 2014-15			year 2015-16	year 2015-16		
			Mus	(%)			Mus	(%)
Gujarat	96235 MUs	96211 MUs	-24	0	103544 MUs	103540 MUs	-4	0.0

Source CEA LGBR Report

State	Peak Demand	Peak Demand	Surplus (+)		Peak Demand	Peak Demand	Surplus (+)	
	during the	during the	/Deficit (-)		during the	during the	/Deficit (-)	
	year 2014-15	year 2014-15			year 2015-16	year 2015-16		
			MW	(%)			Mus	(%)
Gujarat	13603 MW	13499 MW	-104	-0.8	14495 MW	14448 MW	-47	0.3

Source CEA LGBR Report

The energy requirement of the State during the year 2015-16 was 7309 MUs higher compared to the previous year. This requirement was almost met during the year 2015-16 with the slight deficit of (4) MUs. This can be achieved due to capacity addition which has major share of renewable sources as well.

The peak demand during the year 2015-16 was 892 MW higher compared to previous year. This demand was catered during the month of September 2015. This demand was not entirely met with slight deficit of 47 MW and CPP/IPP's having 48.08% share in meeting this demand. Energy and demand deficit were much lower compared to previous year.

At the time of maximum demand occurred on 09.09.2015 (14982 MW), PGVCL's share was highest (30%) followed by UGVCL (22%), DGVCL (18%), MGVCL (12%) and TPL (10%) while 8% went into transmission losses and auxiliary consumption.



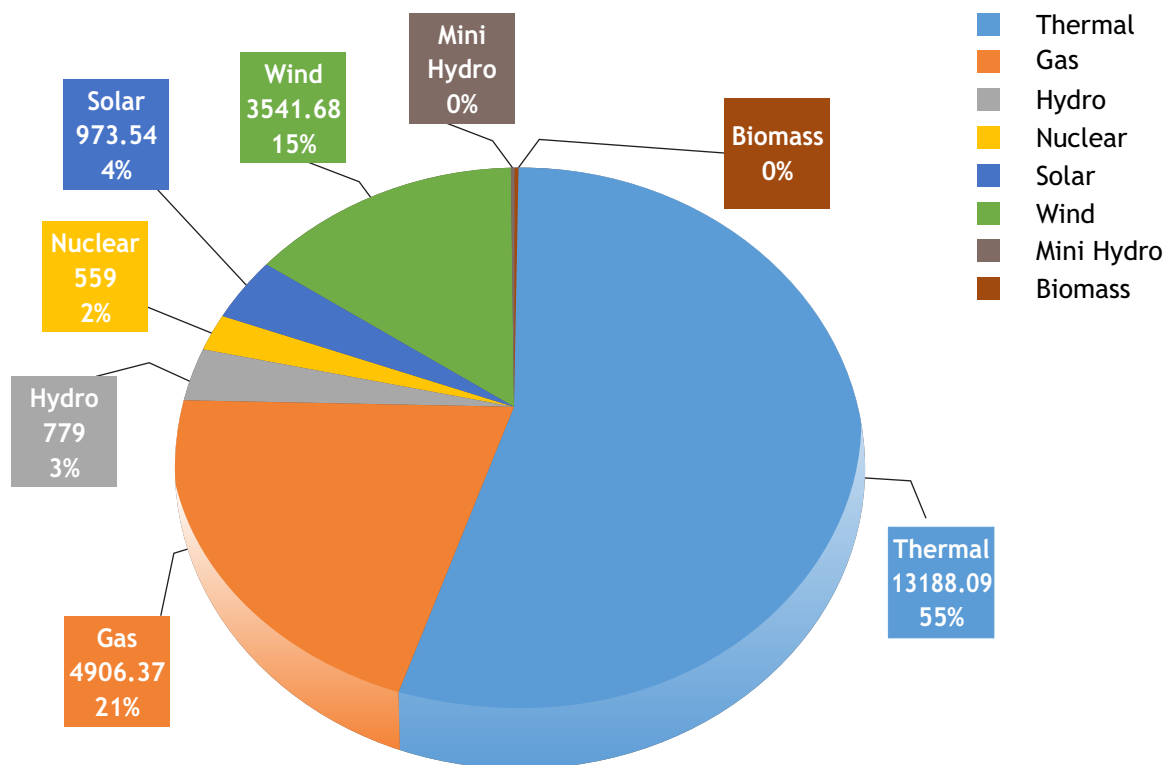
**Fuel Profile:**

Fuel profile of the State Generating Stations at the end of FY 2015-16 is as under;

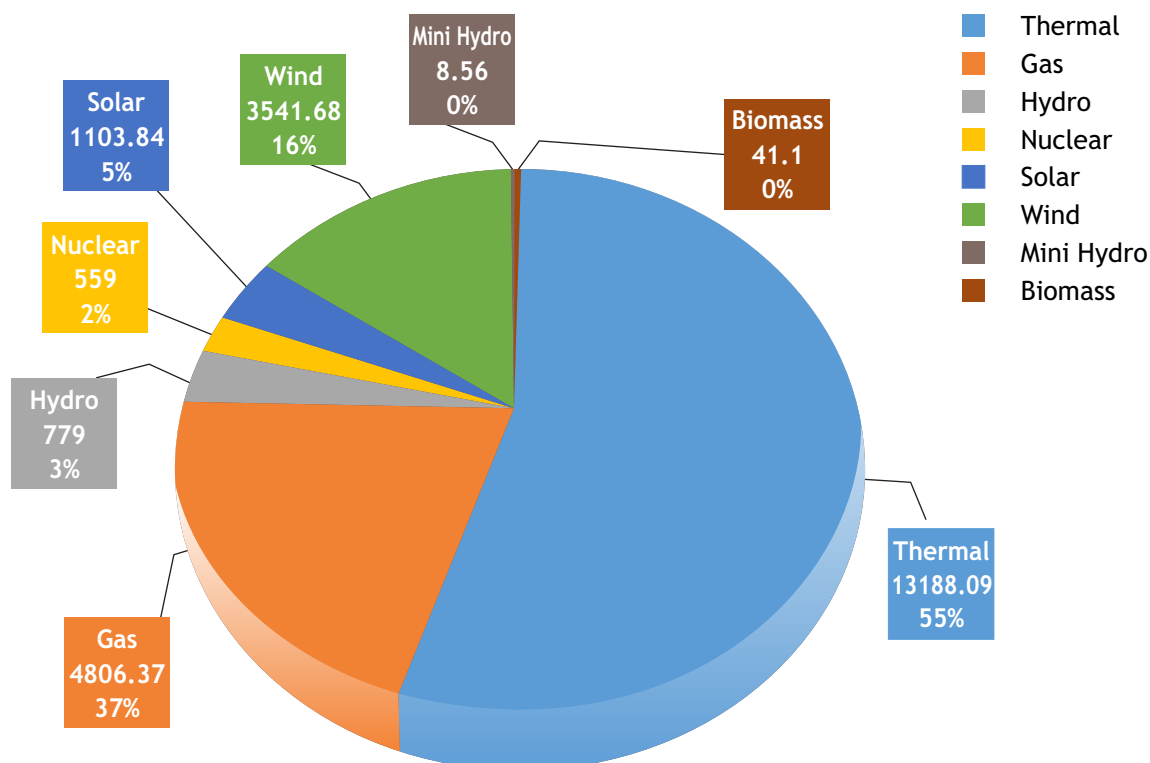
Particulars	As on 31-03-2015		As on 31-03-2016	
	Capacity(MW)	Share (%)	Capacity(MW)	Share (%)
Thermal	13188.09	54.96%	13781.54	55.10%
Gas	4906.37	20.45%	4806.37	19.22%
Hydro	779	3.25%	779	3.11%
Nuclear	559	2.33%	559	2.23%
Solar	973.54	4.06%	1103.84	4.41%
Wind	3541.68	14.76%	3932.73	15.72%
Mini Hydro	8.56	0.04%	8.56	0.03%
Biomass	41.1	0.17%	41.10	0.16%
<b>Total</b>	<b>23997.34</b>	<b>100.00%</b>	<b>25012.14</b>	<b>100.00%</b>

*Source - GETCO MIS reports for the month of March 2015 and March 2016*

### As on 31-03-2015 Capacity (MW)



### As on 31-03-2016 Capacity (MW)





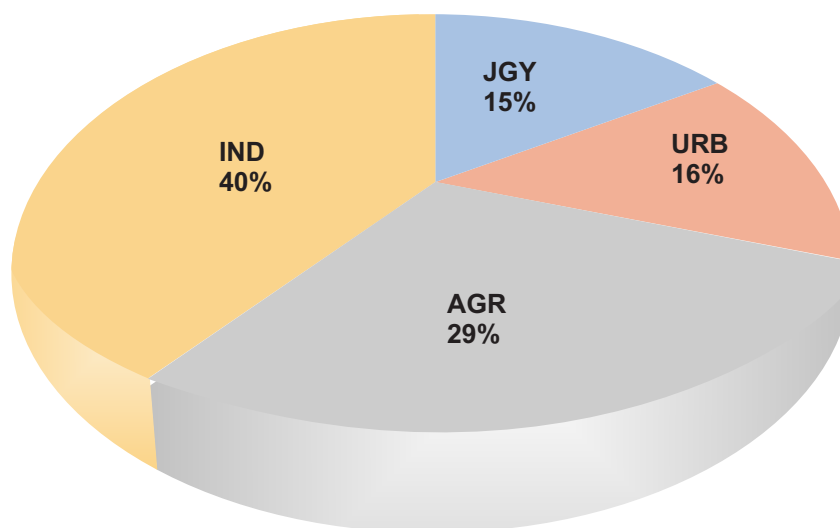
This year saw leading capacity addition in Thermal and renewable based energy generation (Wind, Solar, Biomass) installed capacity of 593.45 MW and 521.35 MW respectively. Total fuel wise capacity addition during FY 2015-16 was 1014.8 MW. Three units commissioned during the FY 2015-16 making total thermal installed capacity to 13781.54 MW.

**Category wise energy catered in Mus during FY 2015-16**

	JGY Mus		URB Mus		AGR Mus		IND Mus		Total	
	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
<b>Total</b>	11547	12280	12742	13382	21499	23496	31486	33382	77274	82540
% rise										
w.r.t		6.34%		5.02%		9.28%		6.02%		6.81%
previous year										

Out of total energy catered during FY 2015-16, share of industrial sector was 40.44% which was 40.74% during FY 2014-15. This was followed by Agriculture sector which was 28.46%, Urban sector which was 16.21% and at last was JGY category which had share of 14.87%.

**CATEGORY WISE ENERGY CATERED**



- JGY Mus 2015-16
- AGR Mus 2015-16
- URB Mus 2015-16
- IND Mus 2015-16



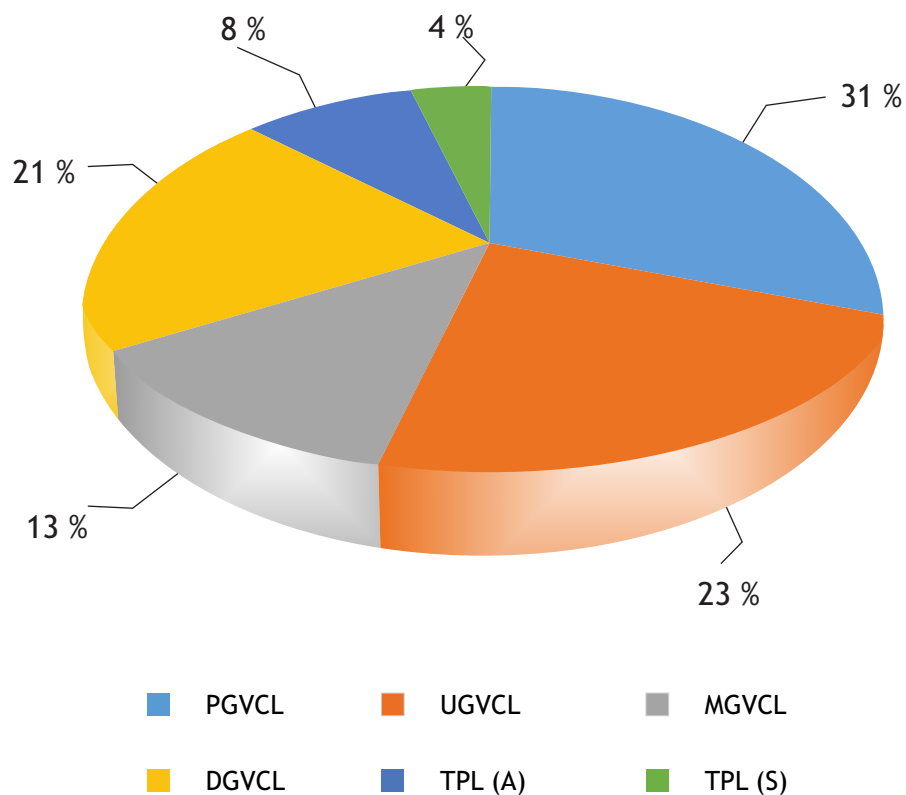
DISCOM wise energy catered in Mus during FY 2015-16

Month	PGVCL		UGVCL		MGVCL		DGVCL		TPL (A)		TPL (S)	
	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
Total	27077	29096	19787	21376	10840	11838	19570	20234	7723	7949	3512	3532
% rise												
w.r.t												
previous												
year		7.45%		8.03%		9.20%		3.39%		2.92%		0.57%

PGVCL was at the top in energy catered during FY 2015-16 having 30.94% of total energy catered followed by UGVCL (22.73%), DGVCL (21.52%), MGVCL (12.59%), TPL (A) (8.45%) and TPL (S) (3.76%).



### DISCOMS WISE ENERGY CATERED



#### Status of Transmission System in the State:

An overview of the transmission system in the state under the State Transmission Utility; namely the Gujarat Electricity Transmission Corporation Ltd.,(GETCO);

Voltage Class	No. of Sub stations			Transmission Line in Ckt.km		
	As on	As on	As on	As on	As on	As on
	31-03-2014	31-03-2015	-31-03-2016	31-03-2014	31-03-2015	31-03-2016
400 KV	11	12	13	3906	4052	4301
220 KV	88	94	99	16276	16987	17847
132 KV	51	54	55	5003	5072	5333
66/33 KV	1320	1410	1503	24946	26421	27987
<b>Total</b>	<b>1470</b>	<b>1570</b>	<b>1670</b>	<b>50131</b>	<b>52532</b>	<b>55468</b>

Source: GETCO



During FY 2015-16 transmission loss were 3.76%, Substation availability was 99.85% and line availability was 99.60%.

**Status of short-term Open Access applications processed during the year:**

Status of short-term Open Access applications processed during FY 2013-14, FY 2014-15 and FY 2015-16 by the State Load Dispatch Centre is given below:

Year	No. of Application Received	No. of Application Approved	No. of Application Rejected
2013-14	6827	6463	364
2014-15	5158	3602	1553
2015-16	5021	4318	698

*Source: SLDC*



## ANNEXURE - 1

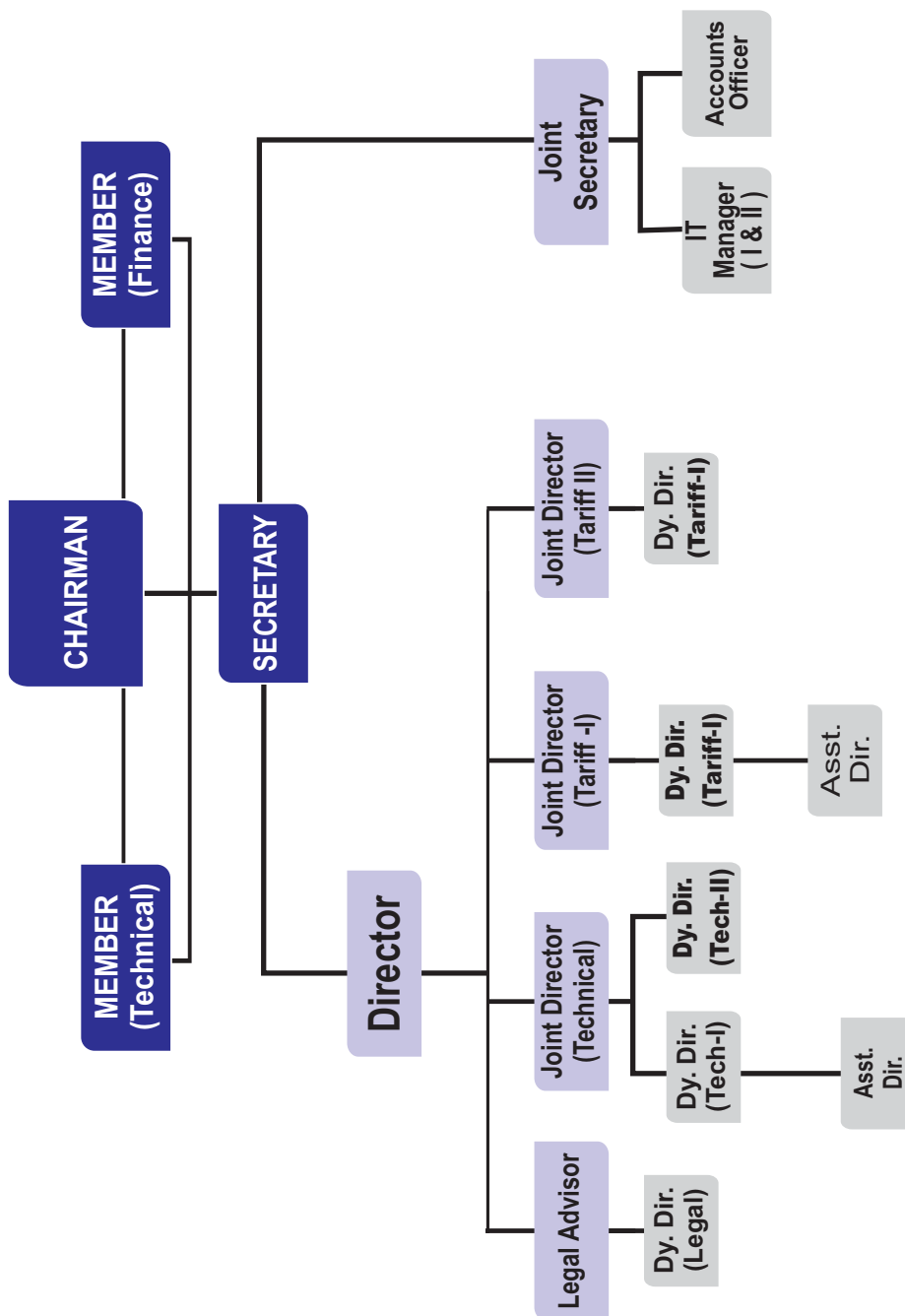
### Positions Within The Commission

Sr. No.	Name of the Post	No. of Posts sanctioned	On Deputation	No. of Post Filled		Vacant Post
				On Contract	Permanent Basis	
1	Secretary	1	1	0	0	0
2	Director	1	0	0	0	1
3	Joint Director	3	1	0	1	1
4	Legal Advisor	1	1	0	0	0
5	Deputy Director	6	2	0	1	3
6	Accounts Officer	1	0	0	0	1
7	Assistant Director	2	0	0	0	2
8	IT Manager	2	1	0	0	1
9	PA (English Steno)	4	1	0	2	1
10	PA (Gujarati Steno)	1	0	0	1	0
11	Executive	9	3	0	6	0
12	Junior Assistant	2	1	0	0	1
13	Librarian	1	0	0	0	1
14	Receptionist	1	1	0	0	0
15	Telephone Operator	1	0	0	0	1
16	Driver-Cum-Attendant	8	0	0	5	3
17	Peon	6	0	0	4	2
	<b>Total</b>	<b>50</b>	<b>12</b>	<b>0</b>	<b>20</b>	<b>18</b>



## ANNEXURE - 2

### Organisation Structure of GERC



**ANNEXURE - 3****Details of petitions disposed of during the year 2015-16**

Si.No.	Petition No.	Petitioner (s)/Respondent (s)	Subject Matter
1	1423/2014	Mangalam Alloys Ltd. V/s. GETCO & SLDC	Petition under Section 42(2) Section 86 (1) (c) and (3) of the Electricity Act, 2003 and Regulation 3 (p) and Regulation 45 of the Gujarat Electricity Regulatory Commission (Terms and Conditions of Intra-State Open Access) Regulations, 2011 and Arbitrary action of denying NOC for Short Term Open Access in the pretext of non-receipt of consent of STU in feasibility report. Absolutely illegal, discriminatory act of denying NOC for Short Term Open Access in the pretext of non-receipt of consent of STU in feasibility report which is arbitrary and in violation of Gujarat Electricity Regulatory Commission (Terms and Conditions of Intra-State Open Access) Regulations, 2011.
2	1430/2014	Investment & Precision Casting Ltd. V/s. SLDC, PGVCL & GETCO	Petition under section 94 of the Electricity Act, 2003 read with section 26.1 of GERC regulation 2 of 2004, read with section 45 of GERC regulation 3 of 2011 for GERC (Terms and Conditions of Intra-state Open Access), Regulations, 2011 against not granting of NOC for Short Term Open Access for the month of June 2014 by SLDC.
3	1447/2014	OPGS Power Gujarat Pvt. Ltd. V/s. GETCO	Petition under Section 86 (1) (c) and (f) of the Electricity Act, 2003 read with Regulation 45 of GERC (Terms and Conditions of Intra-State Open Access) Regulations, 2011 and Regulations 80 and 82 of GERC (Conduct of Business) Regulations, 2004.
4	1411/2014	GSECL V/s. GUVNL	Approval of Capital Cost for 500 MW Ukai Unit No. 6 in respect of PPA between GSECL and GUVNL.
5	1463/2014	UGVCL	Corrigendum to Tariff Order for UGVCL. In the matter of : Para 11.1 of the tariff schedule attached to the Tariff order dated 31.03.2015 in the matter of Truing up of FY 2013-14 and determination of tariff for FY 2015-16 for UGVCL.
6	1464/2014	DGVCL	Corrigendum to Tariff Order for DGVCL. In the matter of : Para 11.1 of the tariff schedule attached to the Tariff order dated 31.03.2015 in the matter of Truing up of FY 2013-14 and determination of tariff for FY 2015-16 for DGVCL.



Si.No.	Petition No.	Petitioner (s)/Respondent (s)	Subject Matter
7	1465/2014	MGVCL	Corrigendum to Tariff Order for MGVCLIn the matter of : Para 11.1 of the tariff schedule attached to the Tariff order dated 31.03.2015 in the matter of Truing up of FY 2013-14 and determination of tariff for FY 2015-16 for UGVCL.
8	1466/2014	PGVCL	Corrigendum to Tariff Order for PGVCLIn the matter of : Para 11.1 of the tariff schedule attached to the Tariff order dated 31.03.2015 in the matter of Truing up of FY 2013-14 and determination of tariff for FY 2015-16 for PGVCL.
9	1479/2014	Aspen Infrastructures Limited	Tariff Order Truing up for FY 2013-14 and Determination of Tariff for FY 2015-16 for Aspen Infrastructures Limited.
10	1482/2015	Sand Land Real Estates Pvt. Limited V/s. GUVNL	Petition under regulations 62 and 64 of the GERC (Conduct of Business) Regulations, 2004 read with sections 86 (1) (f) and 142 of the Electricity Act, 2003 for enforcement of Order No.1 of 2012 dated 27.01.2012 and Order dated 08.08.2013 passed by the Commission in Petition No. 1270 of 2012 in the matter of adjudication of disputes under the PPA dated 09.12.2010 and supplementary PPA dated 07.05.2011 between EMCO Limited and GUVNL.
11	1483/2015	Responsive SUTIP Limited V/s. GUVNL	Petition under regulations 62 and 64 of the GERC (Conduct of Business) Regulations, 2004 read with sections 86 (1) (f) and 142 of the Electricity Act, 2003 for enforcement of Order No.1 of 2012 dated 27.01.2012 and Order dated 08.08.2013 passed by the Commission in Petition No. 1270 of 2012 in the matter of adjudication of disputes under the PPA dated 09.12.2010 and supplementary PPA dated 07.05.2011 between EMCO Limited and GUVNL.
12	1484/2015	Hiraco Renewable Energy Private Limited V/s. GUVNL	Petition under regulations 62 and 64 of the GERC (Conduct of Business) Regulations, 2004 read with sections 86 (1) (f) and 142 of the Electricity Act, 2003 for enforcement of Order No.1 of 2012 dated 27.01.2012 and Order dated 08.08.2013 passed by the Commission in Petition No. 1270 of 2012 in the matter of adjudication of disputes under the PPA dated 09.12.2010 and supplementary PPA dated 07.05.2011 between EMCO Limited and GUVNL.



Si.No.	Petition No.	Petitioner (s)/Respondent (s)	Subject Matter
13	1485/2015	CBC Solar Technologies Private Limited V/s. GUVNL	Petition under regulations 62 and 64 of the GERC (Conduct of Business) Regulations, 2004 read with sections 86 (1) (f) and 142 of the Electricity Act, 2003 for enforcement of Order No.1 of 2012 dated 27.01.2012 and Order dated 08.08.2013 passed by the Commission in Petition No. 1270 of 2012 in the matter of adjudication of disputes under the PPA dated 09.12.2010 and supplementary PPA dated 07.05.2011 between EMCO Limited and GUVNL.
14	1486/2015	Chattel Constructions Private Limited V/s. GUVNL	Petition under regulations 62 and 64 of the GERC (Conduct of Business) Regulations, 2004 read with sections 86 (1) (f) and 142 of the Electricity Act, 2003 for enforcement of Order No.1 of 2012 dated 27.01.2012 and Order dated 08.08.2013 passed by the Commission in Petition No. 1270 of 2012 in the matter of adjudication of disputes under the PPA dated 09.12.2010 and supplementary PPA dated 07.05.2011 between EMCO Limited and GUVNL.
15	1487/2015	Ganeshvani Merchandise Private Limited V/s. GUVNL	Petition under regulations 62 and 64 of the GERC (Conduct of Business) Regulations, 2004 read with sections 86 (1) (f) and 142 of the Electricity Act, 2003 for enforcement of Order No.1 of 2012 dated 27.01.2012 and Order dated 08.08.2013 passed by the Commission in Petition No. 1270 of 2012 in the matter of adjudication of disputes under the PPA dated 09.12.2010 and supplementary PPA dated 07.05.2011 between EMCO Limited and GUVNL.
16	1488/2015	Ganges Green Energy Private Limited V/s. GUVNL	Petition under regulations 62 and 64 of the GERC (Conduct of Business) Regulations, 2004 read with sections 86 (1) (f) and 142 of the Electricity Act, 2003 for enforcement of Order No.1 of 2012 dated 27.01.2012 and Order dated 08.08.2013 passed by the Commission in Petition No. 1270 of 2012 in the matter of adjudication of disputes under the PPA dated 09.12.2010 and supplementary PPA dated 07.05.2011 between EMCO Limited and GUVNL.
17	1450/2014	Kaizen Switchgear Products V/s. GEDA, MGVL, GETCO & CEI	Petition for adjudication of the dispute between the petitioner and respondent and directing the respondents to (i) to allow the petitioner to connect the Solar PV Power Project of 0.750 MW with the distribution network of Respondent No. 2 (MGVCL),



Si.No.	Petition No.	Petitioner (s)/Respondent (s)	Subject Matter
			(ii) to direct GEDA and other respondents to grant commissioning of the project and accreditate and register the petitioner Solar Power Project under REC Scheme.
18	1451/2014	Electrical Control and Systems V/s. GEDA, MGVL, GETCO & CEI	Petition for adjudication of the dispute between the petitioner and respondent and directing the respondents to (i) to allow the petitioner to connect the Solar PV Power Project of 0.500 MW with the distribution network of Respondent No. 2 (MGVL), (ii) to direct GEDA and other respondents to grant commissioning of the project and accreditate and register the petitioner Solar Power Project under REC Scheme.
19	1452/2014	Baroda Mould & Dies V/s. GEDA, MGVL, GETCO & CEI	Petition for adjudication of the dispute between the petitioner and respondent and directing the respondents to (i) to allow the petitioner to connect the Solar PV Power Project of 0.250 MW with the distribution network of Respondent No. 2 (MGVL), (ii) to direct GEDA and other respondents to grant commissioning of the project and accreditate and register the petitioner Solar Power Project under REC Scheme.
20	1473/2014	Shri Prakash Chandra Natwarlal Modi V/s. The Collector, Bharuch District, & Essar Power Transmission Company Ltd.	Petition filed by Shri Prakash Chandra Natwarlal Modi under Section 19 (b) (c), 128(1) & (6), 147 of the Electricity Act, 2003 for cancellation of license and to grant compensation to the petitioner.
21	1418/2014	Torrent Power Ltd. V/s. Surat Municipal Corporation	Approval of purchase of power to be generated from Rooftop Solar Power Generation projects at 14 different sites by Surat Municipal Corporation aggregating to installed capacity of 750 KWp on a long term basis at the tariff to be determined by the Commission under Section 86 (1) (b) of the Electricity Act, 2003.
22	1453/2014	Torrent Power Ltd.	Filing of petition seeking clarification/rectifications of the Hon'ble Commission's order dated 18.07.2014 in respect of implementing the judgement of the Hon'ble Appellate Tribunal for Electricity in Appeal No. 190 of 2011 and Appeal No. 162 and 163 of 2012.
23	1378/2013	Torrent Power Ltd. - Generation Ahmedabad	Tariff Order Truing up for FY 2012-13 and Determination of Tariff for FY 2014-15.



Si.No.	Petition No.	Petitioner (s)/Respondent (s)	Subject Matter
24	1397/2014	ACB (India) Limited. V/s. GUVNL	Petition under Section 86 (1) (f) of the Electricity Act, 2003 read with Article 13 of the Power Purchase Agreement dated 26.02.2007 executed between Gujarat Urja Vikas Nigam Limited and ACB (India) Limited for adjustment of tariff.
25	1363/2013	Renew Wind Energy (Rajkot) Private Limited & Wind Independent Power Producers Association V/s. GUVNL, MGVCL, UGVCL, DGVCL & PGVCL	Petition under Section 86 (1) (a), (b),(e) and (f) read with sections 61 (h) and 62 (1) (a) of the Electricity Act, 2003, for directions of the Commission to the Respondent to comply with the provisions of the Central Electricity Regulatory Commission (Terms & Conditions for recognition and issuance of Renewable Energy Certificate for Renewable Energy Generation) Regulations, 2010 dated 14.01.2010 and the GERC (Procurement of Energy from Renewable Sources) Regulations, 2010 dated 17.4.2010.
26	1493/2015	Energy & Petrochemicals Department V/s. Torrent Power Ltd.	Tariff for agricultural consumers of Torrent Power Ltd (Ahmedabad Unit).
27	1415/2014	Investment & Precision Casting Ltd. V/s. PGVCL	Petition under section 86 (1) (c), (e), (f) of the Electricity Act, 2003 read with GERC (Terms and Conditions of Intra-State Open Access), Regulations, 2011 and GERC Wind Tariff Orders dated 11.08.2006 and 30.01.2010 and Wind Power Policy notified by Government of Gujarat.
28	1457/2014	Gujarat Krushi Vij Grahak Suraksha Sangh (GKVSS) V/s. UGVCL, DGVCL, MGVCL, PGVCL, GUVNL & Energy and Petrochemical Department	To prepare and publish (i) Separate Regulations related to the matters pertaining to the farmers having and/or applying for Agricultural Electricity Connections (ii) Order GUVNL and Discoms to prepare and publish the Consumer Charter for the Agricultural category of consumers.
29	1339/2013	Gallantt Metal Limited. V/s. PGVCL & GETCO	Petition under Section 86 (1)(f) of the Electricity Act, 2003 read with Regulation 80, 81 and 82 of Gujarat Electricity Regulatory Commission (Conduct of Business) Regulations, 2004 for illegal recovery of Parallel Operation Charges (POC) from the petitioner for the period April, 2007 to August, 2012.
30	1490/2015	Essar Power Gujarat Limited. V/s. PGVCL	Petition for adjudication of disputes between the parties under Section 86 (1) (f) of the Electricity Act, 2003 for unjust withholding of payments being the interest liable to be made by PGVCL against the Security Deposit for obtaining a HTP -III Temporary



Si.No.	Petition No.	Petitioner (s)/Respondent (s)	Subject Matter
			Connection from PGVCL being in contravention of Section 47 (4) of the Electricity Act, 2003 and Regulations 4.11 and 4.14 of GERC (Security Deposit) Regulations, 2005.
31	1433/2014	CLP Power India Private Limited, V/s. GUVNL	Petition under section 86 (1) (f) of the Electricity Act, 2003 in relation to the Power Purchase Agreement dated 03.02.1994 between the parties.
32	1513/2015	Cargo Solar Power Gujarat Private Limited V/s. GUVNL	Seeking approval and adjudication of disputes under Section 86 (1) (f) of the Electricity Act, 2003 in terms of the Power Purchase Agreement dated 30.04.2010 for 25 MW Solar Power Project of Petitioner with GUVNL.
33	1432/2014	Utility Users Welfare Association V/s. Essar Power Gujarat Ltd., and GUVNL	Review petition against the order dated 29.03.2014 passed by the Commission in Petition No. 1296 of 2013 under section 94(1)(f) of the Electricity Act, 2003 read with Clause 72(1) of the GERC (Conduct of Business) Regulations, 2004.
34	1296/2013	Essar Power Gujarat Limited V/s. GUVNL	Petition under section 86(1)(f) of the Electricity Act, 2003 read with article 17 of the Power Purchase Agreement dated 26.02.2007 executed between Essar Power Ltd. and Gujarat Urja Vikas Nigam Ltd.
35	1495/2015	Indian Steel Corporation Limited V/s. SLDC & PGVCL	Illegal denial of NOC by State Load Dispatch Center for Short-Term Open Access for purchase of power through Collective Transaction to be given as per the Electricity Act, 2003 read with Section 16 of the GERC Notification No.3 of 2011 for the month of May, 2014 and thereafter.
36	1443/2014	RGE Surat Private Limited. V/s. GUVNL, DGVCL, UGVCL, PGVCL, MGVCL, TPL-Surat, GETCO, EPD, Govt.of Gujarat, Urban Development Department, GoG, Surat Municipal Corporation, Ahmedabad Municipal Corporation	The proposal of RGE Surat Private Limited (RGESPL) under Section 62 and 64 of the Electricity Act, 2003 and Section 4 of the GERC (Power Procurement from New and Renewable Sources of Energy) Regulations, 2008 for approval of Tariff by the Commission for sale of power to distribution licensee in the State of Gujarat from its 11.5 MW Municipal Solid Waste (MSW) based power project located at Surat, Gujarat.
37	1478/2015	Shantigram Estate Management Pvt. Limited V/s. UGVCL	Petition under section 61, 62, 64, 86 and other applicable provisions of the Electricity Act, 2003 for Petitioner's Electric Connection No. HT-18088 for construction purpose and in the matter of the applicable tariff rate HTP - I instead of tariff rate HTP -III as per the relevant tariff order and the regulations.



Si.No.	Petition No.	Petitioner (s)/Respondent (s)	Subject Matter
38	Suo-Motu Proceeding in Petition No. 1307 & 1312/2013	Indian Wind Power Association, GUVNL, DGVCL, UGVCL, PGVCL, MGVCCL & Others	Suo-Motu Proceedings in Petition Nos. 1307 of 2013 and 1312 of 2013 in pursuance of Hon'ble APTEL direction contained in order dated 16.04.2015 in Appeal Nos. 258 of 2013 and 21 of 2014 and the order dated 14.05.2015 in I.A. No. 187 of 2015.
39	1424/2014	Oreva Energy Private Limited Vs. GUVNL	Adjudication of dispute under Section 86 (1) (f) of the Electricity Act, 2003 read with Article 8 of the Power Purchase Agreement dated 7.8.2008 executed between the petitioner and GUVNL, regarding wrongful levy of liquidated damage/penalty amount of ₹. 44 Lakhs due to non-availability of the targeted generation during FY 2012-13 was a Force Majeure event as per the provisions of the PPA.
40	1405/2014	Aryan Coal Beneficiation Pvt. Ltd.V/s GUVNL, Power Grid Corporation of India Limited, ABB India	Petition under Section 86 (1) (f) of the Electricity Act, 2003 to direct the Respondent No. 1 to refund the liquidated damages illegally charged to the Petitioner by the GUVNL.
41	1476/2015	Abellon Clean Ahmedabad Limited V/s. GUVNL, DGVCL, UGVCL, PGVCL, MGVCCL, TPL, GETCO, EPD, Govt.of Gujarat, Urban Development Department, Govt.of Gujarat, Ahmedabad Municipal Corporation, Utility Users Welfare Association, A2Z Infrastructure Limited	Petition under section 94 (1) (f) of the Electricity Act, 2003 read with Regulation 72 of the GERC (Conduct of Business) Regulations, 2004 seeking review of the order of the Commission dated 23.12.2014 in Petition No. 1334 of 2013.
42	Suo-Motu Petition No. 1446/2014	GETCO, DGVCL, PGVCL, UGVCL, Kandla Port Trust, MPSEZ Utilities Private Limited, Aspen Infrastructure Limited	Initiation of Suo motu proceedings for issuance of the license under Section 14 of the Electricity Act, 2003 read with Sections 19, 20, and 28 of the Gujarat Electricity Industry (Reorganization and Regulation) Act, 2003 to the unbundled entities of erstwhile State Electricity Board viz, GEB.
43	1458/2014	IC Textiles Limited V/s. GETCO	Retention of 100% Service Line and Delay in Pro-rata Deposit by GETCO in EHT Bill finalization due to termination of demand by MGVCCL.
44	1510/2015	Torrent Power Limited	Petition under Section 94 of the Electricity Act, 2003 read with Regulation 58, 80, 81, 82 and 83 of the Gujarat Electricity Regulatory Commission (Conduct of Business) Regulations, 2004 seeking rectification of the Commission's order dated 31st March, 2015 in



Sl.No.	Petition No.	Petitioner (s)/Respondent (s)	Subject Matter
			Case No. 1469 of 2014 for Truing up of FY 2013-14 and determination of tariff for FY 2015-16 for its Generation Facilities at Ahmedabad.
45	Suo-Motu Petition No. 1534/2015	-	Suo Motu Petition about Applicability of GERC (MYT) Regulations, 2011, beyond 31.03.2016
46	1514/2015	Indus Towers Private Limited	Petition for approval of new Time-of-Day (ToD) Tariff regulations and inclusion of additional consumer categories in the Time-of-Day Tariff applicability in the State of Gujarat.
47	1509/2015	L & T Special Steels and Heavy Forgings Pvt. Ltd. V/s. GUVNL, DGVCL, MGVCL, PGVCL, UGVCL & Others.	Determination of Tariff for FY 2015-16 under GERC Regulations, 2011.
48	1506/2015	Gujarat Granito Manufacturers Association V/s. GUVNL, PGVCL & Others	Filing review petition under Regulation 72(1) of GERC Regulation 2 of 2004, against the Commission's Order dated 31.03.2015 in Petition No. 1466 of 2014, for the rationalization of peak hours and cancellation of morning peak hours from 07:00 Hour to 11:00 Hour.
49	1507/2015	Gujarat Granito Manufacturers Association V/s. GUVNL, PGVCL & Others	Filing review petition under Regulation 72 (1) of GERC Regulations 2 of 2004, against the Commission's Order dated 31.03.2015 in Petition No. 1466 of 2014, for the consideration of fuel surcharge, EHV rebate and time of use charge under energy charges head for power factor adjustments / Rebate purpose.
50	1528/2015	Gujarat Granito Manufacturers Association V/s. GUVNL, PGVCL & Others	Petition under Section 94 of the Electricity Act, 2003 read with Section 42 of the Electricity Act, 2003, read with Regulations 16 and 45 of GERC (Terms and Conditions of Intra-State Open Access) Regulations, 2011, Notification No.3 of 2011 for granting Prior Standing Clearance (NOC) for Open Access when total open access power asked by an Open Access customer is more than 1 MW but power from one source is less than 1 MW.
51	1537/2015	Indian Wind Power Association (IWPA) V/s. GUVNL, MGVCL, PGVCL, UGVCL, GEDA & TPL	Petition under Clause 23 of GERC (Conduct of Business) Regulations, 2004 read with Section 61 (h), 62 (1)(a), 62 (4), 86 (1)(e) and 94 (f) of the Electricity Act, 2003 and Section 21 of the General Clauses Act, 1897 for waiver of control period stipulated in the Order on "Determination of Tariff for Procurement of Power by the Distribution



Sl.No.	Petition No.	Petitioner (s)/Respondent (s)	Subject Matter
			Licenses and Others from Wind Power Projects” i.e. Order No.2 of 2012 dated 8.8.2012 and subsequent Order dated 7.1.2013 in Review Petitions 1243/2012 and 1249/2012 and to initiate the Tariff Determination Proceedings for upcoming and future Wind Power Projects.
52	1508/2015	GSECL V/s. GUVNL	Petition for approval of final tariff for GSECL Ukai-6 under MYT Framework Regulations and Section 62 of the Electricity Act, 2003.
53	1543/2015	Utility Users’ Welfare Association V/s. Secretary and Registry GERC, Essar Oil Limited, Essar Steel India Limited, Reliance Industries Limited, GUVNL, GETCO, PGVCL, DGVCL, Shri Amarsinh Chavda	Petition under Section 94 (1) (f) of the Electricity Act, 2003 read with Rule 3 of Order 20 of Civil Procedure Code 1908 in the matter of GERC Order dated 29.05.2015 sent vide letter No. GERC/ Legal / 2015/1055,1056,1057 and 1058 dated 29.05.2015.
54	1517/2015	Amarsinh B. Chavada V/s. TPL, Utility Users’ Welfare Association, Consumer Protection and Action Committee and Gandhinagar Shaher Vasahat Mandal.	Review petition under Section 94 (1) (f) of the Electricity Act, 2003 read with Clause 72 (1) of the GERC (Conduct of Business) Regulations, 2004 for review of order dated 3.3.2014 in Petition No. 1322/2013 filed by Torrent Power Limited seeking adoption of tariff determined by CERC under Section 62 (1) (a) read with Section 79 (1) (b) of the Electricity Act, 2003 for sourcing 278 MW power from brownfield expansion of existing SUGEN generation plant for Ahmedabad /Gandhinagar and Surat License areas under the provisions of the Electricity Act, 2003.
55	1563/2016	GSECL V/s. GUVNL	Review Petition in the matter of GERC order dated 10.02.2016 against Petition No. : 1508 / 2015 for approval of fixed cost for GSECL Ukai Unit No.6 under Clause 72 (1) of “Conduct of Business” Regulations.
56	1544/2015	GSECL	Truing up for FY 2014-15, Approval of Provisional ARR for FY 2016-17 and Determination of Tariff for FY 2016-17.
57	1545/2015	GETCO	Truing up for FY 2014-15, Approval of Provisional ARR for FY 2016-17 and Determination of Tariff for FY 2016-17.
58	1546/2015	SLDC	Truing up for FY 2014-15, Approval of Provisional ARR for FY 2016-17 and Determination of Fees and Charges for FY 2016-17.



Sl.No.	Petition No.	Petitioner (s)/Respondent (s)	Subject Matter
59	1547/2015	UGVCL	Truing up for FY 2014-15, Approval of Provisional ARR for FY 2016-17 and Determination of Tariff for FY 2016-17.
60	1548/2015	DGVCL	Truing up for FY 2014-15, Approval of Provisional ARR for FY 2016-17 and Determination of Tariff for FY 2016-17.
61	1549/2015	MGVCL	Truing up for FY 2014-15, Approval of Provisional ARR for FY 2016-17 and Determination of Tariff for FY 2016-17.
62	1550/2015	PGVCL	Truing up for FY 2014-15, Approval of Provisional ARR for FY 2016-17 and Determination of Tariff for FY 2016-17.
63	1551/2015	TPL- Generation	Truing up for FY 2014-15, Approval of Provisional ARR for FY 2016-17 and Determination of Tariff for FY 2016-17.
64	1552/2015	TPL- Ahmedabad	Truing up for FY 2014-15, Approval of Provisional ARR for FY 2016-17 and Determination of Tariff for FY 2016-17.
65	1553/2015	TPL- Surat	Truing up for FY 2014-15, Approval of Provisional ARR for FY 2016-17 and Determination of Tariff for FY 2016-17.
66	1554/2015	TPL-Dahej	Truing up for FY 2014-15, Approval of Provisional ARR for FY 2016-17 and Determination of Tariff for FY 2016-17.
67	1556/2016	MPSEZ Utilities Private Limited	Truing up for FY 2014-15, Approval of Provisional ARR for FY 2016-17 and Determination of Tariff for FY 2016-17.
68	1560/2016	ASPEN Infrastructure Limited	Truing up for FY 2014-15, Approval of Provisional ARR for FY 2016-17 and Determination of Tariff for FY 2016-17.



## ANNEXURE - 4

### Details of Regulations/Orders Notified by the Commission

Sr No	Name of Regulation	Notification	Date of
		Number	Notification
1	Staff Service Regulation (repealed)	Extra No. 55	19/07/2001
2	Conduct of Business	02 of 2004	25/08/2004
3	Establishment of Ombudsman for Redressal of Grievances of Consumers (repealed)	03 of 2004	25/08/2004
4	Establishment of Forum for Redressal of Grievances of Consumers (repealed)	04 of 2004	25/08/2004
5	Grid Code (repealed)	05 of 2004	25/08/2004
6	Distribution Code	06 of 2004	25/08/2004
	• First Amendment	GERC/Tech-I	26/10/2006
	• Second Amendment	/2296/2006	
		01 of 2016	5/08/2004
7	Procedure for filing Appeal before the Appellate Authority Regulations	01 of 2005	05/01/2005
8	Licensing of Transmission	02 of 2005	30/03/2005
9	Licensing of Electricity Trading	03 of 2005	30/03/2005
10	Licensing of Distribution of Electricity	04 of 2005	30/03/2005
11	Levy and Collection of Fees and charges by SLDC Regulations	05 of 2005	30/03/2005
	• First Amendment	03 of 2016	18/02/2016
12	Fees, Fines and Charges Regulations, (First Amendment)	06 of 2005	30/03/2005
		01 of 2015	22/09/2015
13	Power System Management Standards	07 of 2005	30/03/2005
14	Security Deposit Regulations	08 of 2005	31/03/2005
	• First Amendment (Repealed)	05 of 2010	02/08/2010
	• Second Amendment	03 of 2015	15/07/2015
15	Licensee's Power to recover expenditure incurred in providing supply and miscellaneous charges	09 of 2005	02 of 2010
	• First Amendment	31/03/2005	05/03/2010
16	Standard of Performance of Distribution Licensee	10 of 2005	31/03/2005
17	Terms and Conditions of Tariff (repealed)	12 of 2005	31/03/2005
18	Orders on Procedure		03/08/2005
19	Open Access (repealed)	13 of 2005	29/09/2005
20	Appointment of Consultant	14 of 2005	29/10/2005
21	Power Procurement from Co-generation & Renewable sources Regulations (Repealed)	15 of 2005	29/10/2005



Sr No	Name of Regulation	Notification	Date of
		Number	Notification
22	Electricity Supply Code and Related Matters (repealed)	11 of 2005	31/03/2005
	· First Amendment (GERC/Tech-I/2277/2005)		14/12/2005
	· Second Amendment (GERC/Tech-II/2097/2006)		25/09/2006
	· Third Amendment	06 of 2010	20/08/2010
	· Fourth Amendment(GERC/Tech-II/1229/2012)		18/06/2012
23	Multi Year Tariff (MYT) Regulation 2007 (repealed)	01 of 2007	30/11/2007
24	Authorising Officers of DISCOMs		23/01/2008
25	Fixing of Trading Margin	01 of 2010	16/02/2010
26	Power procurement from renewable sources	03 of 2010	17/04/2010
	· First Amendment	02 of 2014	04/03/2014
27	Designating State Nodal Agency for REC	04 of 2010	16/07/2010
28	Multi Year Tariff Regulations 2011 (repealed)	01 of 2011	22/03/2011
	· First Amendment	02 of 2016	19/02/2016
	· MYT Regulations 2016	04 of 2016	28/03/2016
29	Recruitment and Service Conditions of Secretary and Staff	2059/2011	28-11-2011
30	Consumer Grievances Redressal Forum & Ombudsman Regulations, 2011	02 of 2011	07-04-2011
31	Terms and Condition of Intra-State Open Access	03 of 2011	01-06-2011
32	Fixing of Trading Margin (First Amendment)	04 of 2011	09-12-2011
33	Demand Side Management	01 of 2012	08-05-2012
34	Grid Code	GERC/ Notification /2013/1424	16-07-2013
35	Guidelines for procurement of power by distribution license	02 of 2013	14-08-2013
36	Terms and Conditions of Intra-State Open Access (First Amendment)	01 of 2014	04-03-2014
37	Terms and Conditions of Intra-State Open Access (Second Amendment)	03 of 2014	12-08-2014
38	Electricity Supply Code and Related Matters	04 of 2015	22-09-2015
39	Applicability of procurement of energy from renewable sources to captive and open access users	02 of 2015	01/07/2015
40	Multi Year Tariff (MYT) Regulation 2016	04 of 2016	28/03/2016



## ANNEXURE - 5

### Details of Locations of Consumer Grievances Redressal Forums

DGVCL - Forum	Convener, CGRF, Dakshin Gujarat Vij Company Limited, Dakshin Gujarat Vij Seva Sadan, Registered & Corporate Office, Kapodara Char Rasta, Nana Varachha Road, Surat-395006. (T) : 0261-2804238 Fax : 0261-2572636 Email: eegerc.dgvcl@gebmail.com
MGVCL - Forum	Convener, CGRF, Madhya Gujarat Vij Company Ltd., 5 <sup>th</sup> Floor, SP Vidhyut Bhavan, Race Course, Vadodara-390007. (T) : 0265-2310582 to 86 (Extn. 3541) Fax : 0265-2340692 Email: segerc1.mgvcl@gebmail.com
PGVCL - Rajkot Forum	Convener, CGRF, Paschim Gujarat Vij Company Ltd., Paschim Gujarat Vij Seva Sadan, Registered & Corporate office, Nana Mava main Road, Laxminagar, Rajkot - 360004. (T) : 0281-2380425 / 2380428 Email: forum.pgvcl@gebmail.com
PGVCL - Bhavnagar Forum	Convener, CGRF, Paschim Gujarat Vij Company Ltd., Zonal Office, Old Power House Compound, Chavadi gate, Bhavnagar-364002. (T) : 0278-2521760/61 Fax : 0278-2521763 Email: forumbhavnagar.pgvcl@gebmail.com
PGVCL - Bhuj Forum	Convener, CGRF, Paschim Gujarat Vij Company Ltd., Zonal Office, Power House Compound, Hospital Road, Bhuj(kutch) - 370001. (T) : 02832-223032 Email: cgrfbhuj.pgvcl@gebmail.com



UGVCL - Forum	Convener, CGRF, Uttar Gujarat Vij Company Limited, Near Torrent AEC, Railway Crossing, Sabarmati , Ahmedabad-380005. (T) : (079) 27500981, 27500214 Email: forum@ugvcl.com
TPL - Redressal Forum, Ahmedabad	Convener, CGRF, Torrent Power Ltd., 2 <sup>nd</sup> Floor, Jubilee House, Shahpur, Ahmedabad-380001. (T) : 079-25502881 (Extn. 5290) Fax : 079-25501510 Email: consumerforum@torrentpower.com
TPL - Redressal Forum, Surat	Convener, CGRF, Torrent Power Ltd., Torrent House, 3 <sup>rd</sup> Floor, Station Road, Surat-395003. (T) : 0261-242828, 2413014 (Extn. 5026) Fax : 0261-242294 Email: consumerforumtps@torrentpower.com
Ombudsman	Office of the Ombudsman, Barrack No.3, Polytechnic Compound, Ambawadi, Ahmedabad-380009. (T) : 079-26302689 Email: ombudsman@gercin.org

## ANNEXURE - 6

Statement showing the details of Appeals Redressal by Forums/Consumer Complaints at CGRFs in the year of FY 2015-16

Sr. No.	Name of Forum	Grievance Pending		Grievance received		Total Grievance		Grievance redressed		Pending Grievance		No. of Grievance		No. of Grievance		Other	Number of Sittings
		at the end of the year	at the end of the year	during the year	during the year	In the year	In the year	at the end of the year	at the end of the year	In Favour	In Favour	Licensee	Consumers				
1	UGVCL	17	128	145	134	11	66	54	15	38							
2	MGVCL	8	47	55	55	0	29	23	2	25							
3	DGVCL	0	270	270	260	10	68	124	68	47							
4	PGVCL (Bhuj)	5	80	85	83	2	23	38	22	32							
5	PGVCL (Bhavnagar)	28	395	423	371	52	133	222	16	42							
6	PGVCL (Rajkot)	64	427	491	474	17	89	307	78	51							
7	TPL (Ahmedabad)	13	185	198	189	9	158	31	0	49							
8	TPL (Surat)	0	28	28	26	2	24	0	2	52							
	<b>Total</b>	<b>135</b>	<b>1560</b>	<b>1695</b>	<b>1592</b>	<b>103</b>	<b>590</b>	<b>799</b>	<b>203</b>	<b>336</b>							



## ANNEXURE - 7

Statement Showing the Details of Appeals Redressed by the Electricity Ombudsman during the year 2015-16

Sr. No.	Name of Consumer Forum	No. of Appeals Pending at beginning of the year	No. of Appeals received during year 2015-16	Total No. of Appeals	No. of Appeals disposed of during year 2014-15			No. of Appeals disposed of during year 2015-16	No. of Appeals Pending at the end of the year
					In Favour of Applicant	In Favour of Licensee	Other		
1	PGVCL, Bhavnagar	4	46	50	18	21	2	41	9
2	PGVCL, Rajkot	0	27	27	7	11	5	23	4
3	PGVCL, Bhuj	1	6	7	0	1	6	7	0
4	MGVCL, Vadodara	2	17	19	6	13	0	19	0
5	DGVCL, Surat	1	25	26	9	13	1	23	3
6	UGVCL, Mehsana	4	40	44	17	21	1	39	5
7	TPL, A'bad	1	22	23	4	9	5	18	5
8	TPL, Surat	2	2	4	0	3	1	4	0
<b>TOTAL</b>		<b>15</b>	<b>185</b>	<b>200</b>	<b>61</b>	<b>92</b>	<b>21</b>	<b>174</b>	<b>26</b>

**ANNEXURE - 8****STATUS NATURE OF COMPLAINTS DISPOSED OF DURING THE YEAR 2015-16**

Sr.No.	Nature of complaint	Total
1	New connections	38
2	Agri. Extension of load	3
3	PDC RC of Agri. Connetions	6
4	Default in service provision	1
5	Agri. Shifting of connections	1
6	Load reduction Dispute	2
7	Compensation in delay in services provision	8
8	Additional Load related dispute	5
9	Tariff related	2
10	Estimate related	24
11	Billing related	28
12	Implementation of Forum order.	6
13	Meter accuracy & supplementary bill related	8
14	Space for substation & related dispute	1
15	Fast meter & refund of Amount paid	0
16	Power Supply Related	4
17	To declare the connection released as illegal	1
18	Interest on security deposit dispute/Refund of SD	5
19	Reconnection	6
20	Name Change	3
21	To disconnect Power supply	6
22	Meter Burnt Charge	2
23	Line shifting dispute	3
24	Transformer & Line shifting dispute	3
25	Interest on credit balance amount in bill	2
26	Notice for disconnection for merger of connection option	3
27	Refund of amount paid against Supl. Bill	1
28	Transformer Erection & Compensation dispute	0
29	Underground cable fault & recovery of charge	1
30	Refund of PF Penalty Charge	1
	<b>Total</b>	<b>174</b>



## ANNEXURE - 9

### Constitution of the State Advisory Committee

1	<b>Shri K. M. Shringarpure</b> I/c Chairman Gujarat Electricity Regulatory Commission	<b>Chairman</b>
2	<b>Shri K. M. Shringarpure</b> Member (Finance) Gujarat Electricity Regulatory Commission	<b>Member</b>
3	<b>Shri P. J. Thakkar</b> Member (Technical) Gujarat Electricity Regulatory Commission	<b>Member</b>
4	<b>Shri Roopwant Singh IAS</b> Secretary, Gujarat Electricity Regulatory Commission,	<b>Secretary to the Committee</b>
5	<b>Principal Secretary</b> Energy & Petrochemicals Department Block No.5 Sardar Bhavan, Sachivalaya, Gandhinagar.	<b>Member</b>
6	<b>Principal Secretary,</b> Food & Civil Supply & Consumer Affairs Department, Sachivalaya, Gandhinagar.	<b>Member</b>
7	<b>President,</b> Gujarat Chamber of Commerce & Industry, Shree Ambica Mill, Gujarat Chamber Building, Nr. Natraj Cinema, Ashram Road, Ahmedabad.	<b>Member</b>
8	<b>Chairman,</b> Gujarat Council Confederation of Indian Industries, CII House, Gulbai Tekra Road, Near Panchvati, Ahmedabad.	<b>Member</b>
9	<b>President,</b> Rajkot Engineering Industries Association, Bhaktinagar Industrial Estate, Rajkot.	<b>Member</b>
10	<b>President,</b> Southern Gujarat Chamber of & Industry "Samruddhi", 4th Floor, Near Makkai Pool, Nanpura, Surat.	<b>Member</b>
11	<b>Chief Electrical Engineer</b> Western Railway, Station Building, Church Gate, Mumbai-400020.	<b>Member</b>



12	<b>President,</b> Bhartiya Kisan Sangh, Sector-12, Balram Mandir Parisar, Gandhinagar.	<b>Member</b>
13	<b>President,</b> Gujarat Khedut Samaj, C/O Bhavanagar Jilla Khedut Samaj, Sardar Smruti, Crescent Chowk, Bhavnagar.	<b>Member</b>
14	<b>Executive Director,</b> Consumer Education and Research Society, Suraksha Sankool, Thaltej, Ahmedabad-380054.	<b>Member</b>
15	<b>Ms. Ila Bhatt,</b> Self Employed Women Association, Opp: Victoria Garden, Lal Darwaja, Ahmedabad.	<b>Member</b>
16	<b>Mr. N Dinkar,</b> 107, Mukti Nagar, Near Basil School, Tandalja Road, Vadodara.	<b>Member</b>
17	<b>Representative,</b> Indian Institute of Management, Vastrapur, Ahmedabad.	<b>Member</b>
18	<b>Representative,</b> Institute of Rural Management Anand Gujarat Agri. University Campus, Anand- 388001.	<b>Member</b>
19	<b>Director,</b> Electrical Research and Development Assn., P.B.No. 760, ERDA Road, Makarpura Industrial Estate, Vadodara-390010.	<b>Member</b>
20	<b>Dr. Omkar Jani,</b> Solar Energy Division, Gujarat Energy Research and Management Institute, 303-304, 3 <sup>rd</sup> Floor, IT Tower-1, Info city, Gandhinagar.	<b>Member</b>



## **GUJARAT ELECTRICITY REGULATORY COMMISSION**

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