

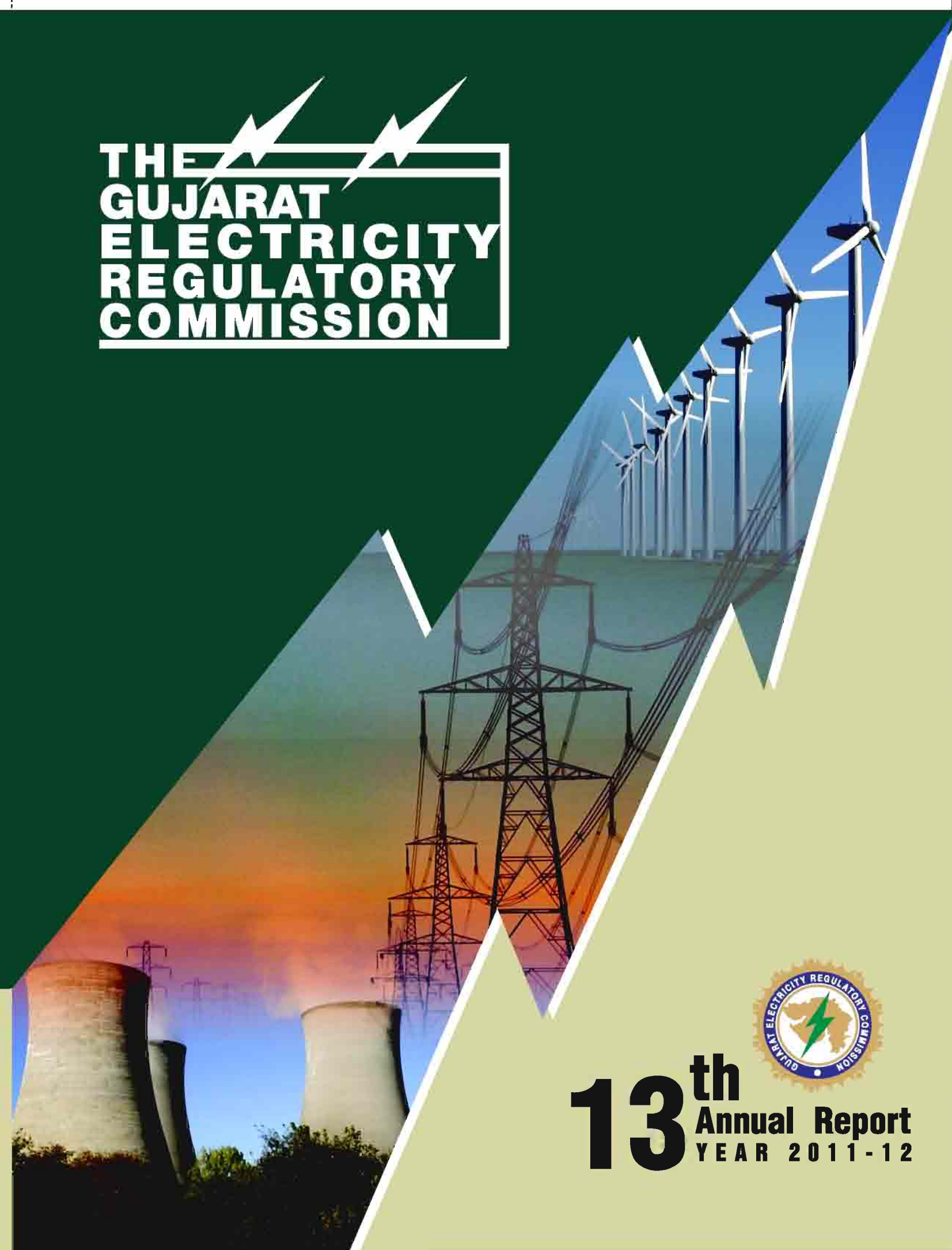
# THE GUJARAT ELECTRICITY REGULATORY COMMISSION



**THE GUJARAT ELECTRICITY REGULATORY COMMISSION**

1<sup>st</sup> Floor, Neptune Tower, Opp. Nehru Bridge, Ashram Road, Ahmedabad 380 009.  
Ph.: +91-079-26580350 Fax : 91-079-26584542 Email : gerc@gercin.org Visit us : www.gercin.org

Designed by Sahitaya Ph. 079-26584264



**13<sup>th</sup>**  
**Annual Report**  
YEAR 2011-12



# THE GUJARAT ELECTRICITY REGULATORY COMMISSION

Thirteenth Annual Report  
2011-12



1<sup>st</sup> Floor, Neptune Tower,  
Opp. Nehru Bridge, Ashram Road,  
Ahmedabad 380 009  
**Website:** [www.gercin.org](http://www.gercin.org)  
**E-mail:** [gerc@gercin.org](mailto:gerc@gercin.org)





## THE GUJARAT ELECTRICITY REGULATORY COMMISSION



The Commission presents  
the 13<sup>th</sup> Annual Report for  
FY 2011-12, as required under  
Section 105 of the Electricity Act, 2003.

**Dr. Ketan Shukla, IFS**  
Secretary  
Gujarat Electricity Regulatory Commission





## CONTENTS

Annexures	...	ii
Abbreviations	...	iii
From the Desk of the Chairman	...	iv
Activity Highlights of 2011-12	...	v
<b>1 Organizational Setup of the Commission</b>	...	<b>01</b>
1.1 The Commission	...	01
1.2 Infrastructure	...	01
1.3 Staff	...	01
<b>2. Role of the Commission</b>	...	<b>03</b>
2.1 The mandate	...	03
2.2 The functions	...	03
2.3 Regulations	...	04
<b>3. Activities during the Year</b>	...	<b>06</b>
3.1 Determination of Tariff	...	06
3.2 Status in the Context of The National Electricity Policy	...	22
3.3 Status in the Context of Tariff Policy	...	23
3.4 Solar Tariff Order	...	28
3.5 Disposal of Petition and Appeals	...	29
3.6 Adjudication of Disputes and Differences	...	30
3.7 State Advisory Committee	...	31
3.8 Training Programmes	...	31
3.9 FOR Meetings	...	31
3.10 FOIR Meetings	...	32
<b>4 Annual Accounts</b>	...	<b>33</b>
<b>5 The Power Sector Scenario in Gujarat-An Overview</b>	...	<b>35</b>







## ANNEXURES

1	Positions within the Commission	...	41
2	Organizational Structure of the Commission	...	42
3	Details of Petitions disposed of during 2011-12	...	43
4	Details of the Misc. Applications disposed of during the year 2011-12	...	51
5	Details of Regulations/Orders notified by the Commission.	...	52
6	Details of the Locations of Consumer Grievance Redressal Forum	...	54
7	Performance of the Consumer Grievances Redressal Forums (CGRF) during the year 2011-2012.	...	55
8	Types of complaints received at Ombudsman's office during 2011-12	...	56
9	Details of Appeals disposed of by The Electricity Ombudsman during the Year 2011-12.	...	57
10	Constitution of the State Advisory Committee	...	58

## 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
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	Paschim 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
UGVCL	Uttar Gujarat Vij Company Ltd





## FROM THE DESK OF CHAIRMAN

The Gujarat Electricity Regulatory Commission (GERC) continued its journey in a proactive manner and reached new heights during the year 2011-12 in its efforts to further improve the regulatory framework for the power sector of Gujarat.

According to the Multi Year Tariff Regulations of March 2011 of the Commission, the licensees were required to file the petitions for true-up of the Financial Year 2010-11 and determination of tariff for the Financial Year 2012-13 by November 2011. The distribution companies requested the Commission to give some more time so as to collect data on revenue and other aspects based on the tariff which was restructured in the earlier order of the Commission. The Commission extended the period for submission of tariff petitions till January 2012. However, the four public-sector distribution companies failed to file the tariff petitions - the private sector Torrent Power Ltd. filed its petitions - by 31 January 2012. Consequently, the Commission initiated suo-motu proceedings for true-up of the Financial Year 2010-11 and tariff determination for the Financial Year 2012-13 for the public-sector distribution licensees. This was an important milestone in the realm of enforcing provisions of the relevant Regulations.

The GERC continued its earlier efforts to promote renewable energy more vigorously. A tariff order for purchase of solar power by distribution licensees was issued on 27 January 2012 for the second control period from 29 January 2012 to 31 March 2015 with a reduction trajectory on a year-on-year basis. The Commission initiated suo-motu proceedings to review the compliance of Renewable Power Purchase Obligations (RPO) by the distribution licensees and others for the years 2010-11 and 2011-12 and issued necessary directives. This was an innovative measure to systematically monitor the compliance of RPO by the obligated entities.

The Commission continued its focus on protecting the interest of consumers and making the grievance redressal mechanism more effective. Regular meetings were held with Consumer Grievances Redressal Forums (CGRFs). Efforts were made to improve the working of CGRFs and Ombudsman. The Commission framed a new set of comprehensive and consolidated regulations entitled the 'Gujarat Electricity Regulatory Commission (Consumer Grievances Redressal Forum and Ombudsman) Regulations, 2011'. These regulations combined the provisions of two earlier regulations of 2004 dealing with Ombudsman and CGRFs and incorporated several new features.

Effective measures were taken for expeditious disposal of petitions and adjudication of disputes. Several important matters were decided, which were upheld by the higher authorities and widely acclaimed.

A meeting of the Forum of Indian Regulators (FOIR) along with a research conference was held during 1 – 2 March 2012 at Ahmedabad and Mount Abu. There were 59 delegates. The Commission organized the event in collaboration with the Central Electricity Regulatory Commission (FOIR Secretariat). All the participants expressed their deep sense of appreciation for the successful conduct of the conference.

The Commission received several invitations to participate in national and international forums on regulatory and other issues. As the annual report enumerates, there was effective participation by the GERC at important seminars, workshops and consultations.

The Commission has been, since its inception, having its office at rented premises in Ahmedabad. Recently it has been decided to purchase office space and shift its office to Block QC-1 of the Gujarat International Finance Tec-City (GIFT), Gandhinagar.

**Dr. P. K. Mishra**  
Chairman

## ACTIVITY HIGHLIGHTS OF 2011-12

### Determination of Tariff for the year 2011-12:

- During the year, the Commission issued Multi Year Tariff Orders comprising Truing up for FY 2009-10, Annual Performance Review for FY 2010-11, determination of Aggregate Revenue Requirement (ARR) for the MYT period of FY 2011-16 and Determination of Tariff for FY 2011-12 for the following utilities operating in the State.
  - Gujarat State Electricity Corporation Ltd (GSECL) - The State Generation Company
  - Uttar Gujarat Vij Company Ltd (UGVCL) – The Distribution Company for North Gujarat
  - Dakshin Gujarat Vij Company Ltd (DGVCL) – The Distribution Company for South Gujarat
  - Madhya Gujarat Vij Company Ltd (MGVCL) – The Distribution Company for Central Gujarat
  - Paschim Gujarat Vij Company Ltd (PGVCL) – The Distribution Company for Western Gujarat
  - Torrent Power Ltd (TPL)
  - MPSEZ Utilities Private Limited (MUPL)
  - Kandla Port Trust (KPT)
  - Torrent Energy Ltd (TEL)
- During the year the commission issued Solar tariff order no.1 of 2012, dated 27th January, 2012. The control period for the tariff is from 29th January, 2012 to 31st March, 2015. The separate tariff determined by the Commission for (i) Solar PV MW based power projects (ii) Solar PV KW based rooftop power projects and (iii) Solar Thermal Power Projects.

### Regulations Notified by the Commission During the year, 2011-2012:

- Staff service Regulation-Notification no.2059/2011, dated 28th November, 2011.
  - Consumer Grievances Redressal Forum and Ombudsman Regulations, 2011- Notification No.2 of 2011 dated 7th April, 2011.
  - Terms and Condition of Intra-State open Access-Notification No.3 of 2011 dated 1st June, 2011.
  - Fixing of Trading Margin (First Amendment)-Notification no.4 of 2011 dated 9th December, 2011. Disposed of 111 Petitions, 1 Misc. Application.
- Annual Accounts and Annual Report for the year 2010-11 were published and placed before the State Legislative Assembly in March 2012.
  - Various Meetings were held as under:**
    - State Advisory Committee: 12th Meeting- 06th April, 2011 at Mehsana  
13th Meeting- 27th May, 2011 at Vadodara  
14th Meeting- 26th November, 2011 at Gandhinagar
    - State Co-ordination Forum: 8th Meeting- 02nd April, 2011 at Vadodara  
9th Meeting- 16th November, 2011 at Ahmedabad
    - Meetings on CGRFs: 30th July, 2011 at Ahmedabad  
30th January, 2012 at Ahmedabad



**Meeting of the FOIR Governing Body and Meeting/Workshop/Research Conference for the Chairpersons and Members of the Regulatory Commissions:**

GERC has successfully organized the Meeting of the FOIR Governing Body and Meeting/Workshop/Research Conference for the Chairpersons and Members of the Regulatory Commissions during 29th February, 2012 to 3rd March, 2012. The Chairperson of the Central Electricity Regulatory Commission and the Chairperson of the Forum of Indian Regulators conveyed his sincere appreciation and heart-felt thanks to GERC regarding excellent arrangements made by GERC while hosting this meeting and he also conveyed that all the participants were overwhelmed by the individual attention paid to them and the meticulous care taken of them by the staff of the GERC.

- Visit of Dignitaries: Japan Delegation visited GERC on 6th September, 2011 for solar Power Projects.
- Dr.P.K.Mishra, Chairman attended following Conference/Meetings during the period 1.4.2011 to 31.3.2012

Sl No.	Period	Details
1	14th-15th April 2011	Participated in the International Conference on Reconstruction organized by the Gujarat State Disaster Management Authority at Gandhinagar
2	26th April 2011	Participated in the meeting organized by Independent Power Producers Association of India (IPPAI) and Orissa Electricity Regulatory Commission at Bhubaneswar
3	10th-13th May 2011	Participated as a resource person and member of the International Advisory Committee at the World Reconstruction Conference organized by the World Bank in Geneva
4	4th-15th June 2011	Participated in the USTDA India Solar Energy Reverse Trade Mission organized by the United States Trade and Development Agency(USTDA) and visited Washington, San Francisco and Pasadena, U.S.A.
5	8th Sept. 2011	Participated in the Planning Commission's Working Group Meeting on Disaster Management at New Delhi
6	22nd-23rd Sept. 2011	Participated in the 18th Steering Committee Meeting of South Asia Forum for Infrastructure Regulation (SAFIR) at Mumbai
7	28th-30th Sept. 2011	Participated in the selection committee meeting as a member of the committee for selection of Vice Chancellor of Sambalpur University, Orissa
8	12th October 2011	As a member, participated in the 2nd Meeting of Reserve Bank of India Committee on Priority Sector Lending at Mumbai
9	13th-14th Oct. 2011	Participated in the Green Energy Meeting organized by the Economic Times and Wartsila at Udaipur
10	20th Oct. 2011	Inaugurated the workshop on ARR at Somaiya Institute, Mumbai
11	7th-9th Nov. 2011	At the L.B.S. National Academy of Administration, Mussoorie, addressed the senior officers of the rank of Principal Secretary on Power Sector Reforms.
12	30th Nov. 2011	Participated in the Conference on Powering Gujarat organized by Independent Power Producers Association of India(IPPAI) and the Gujarat Electricity Regulatory Commission at Ahmedabad
13	2nd Jan. 2012	As Chairman of the Task Force, constituted by the Union Home Ministry, participated in the 1st Meeting of the Task Force for Review of the Disaster Management Act, 2005 at New Delhi. Also held two other meetings in March, 2012.
14	24th Jan. 2012	Participated in the conference on Demand Side Management organized by the Central Electricity Authority at New Delhi.

- Shri Pravinbhai Patel, Member(Technical), attended following Conference/Meetings during the period 1.4.2011 to 31.3.2012

Sl No.	Period	Details
1	3rd-11th June 2011	Participated in the Orientation Programme for Chairpersons/Members of Electricity Regulatory Commissions at IIM Ahmedabad and Sanfrancisco, USA organized by Forum of Regulators(FOR)
2	30th Nov. 2011	Participated in the India Wind Conference, Mumbai organized by Powerline
3	13th-15th Dec.2011	Participated in the Conference on Investments Opportunities in North East organized by IPPAI/Govt. of Assam
4	19th Dec.2011	Participated in the National Conference on Wind Power organized by Powerline, New Delhi
5	24th Jan.2012	Participated in the Conference on Demand Side Management organized by Ministry of Power, Govt. of India
6	31st Jan.2012	Participated in the Conference on DSDS 12-Large Scale Development of Smart Grids-opportunities and Strategies organized by TERI

- Dr. M. K. Iyer, Member (Finance) Participated in the Orientation Programme for Chairpersons/Members of Electricity Regulatory Commissions at IIM Ahmedabad and San-francisco, USA organized by Forum of Regulators(FOR) during 3rd-11th June,2011.
- Dr. Ketan Shukla, Secretary, GERC attended following Seminars during the period 1.4.2011 to 31.3.2012

Sl.No.	List of Seminars	Date	Venue
1	Key Speaker : Regulatory initiatives for Promotion of Solar Thermal Power in Gujarat	11th-12th April, 2011	Delhi
2	GuestSpeaker : Workshop on Concentrated Solar Power Projects.	19th May, 2011	Gurgaon
3	Solar Energy Roundtable : KPMG	2nd June, 2011	Delhi
4	Key Speaker : Global Solar EPC Summit 2011 : India	20th – 21st June, 2011	New Delhi
5	Guest of Honour : Development of Cogen Power Plants at Co-Op. Sugar factories in Gujarat & Renewable Energy Certificates, MNRE sponsored Business Meet by Cogeneration Association of India	12th July, 2011	Gandhinagar
6	Guest of Honour : Power Sector India Roundtable 2011	5th & 6th of August 2011	PDPU, G'nagar
7	Guest of Honor : Demand Side Management	5th August, 2011	VIKSAT, A'bad
8	Project Launching Workshop Meeting with all local civil society organization (CSO) partners	6th August, 2011	VIKSAT, A'bad







Sl.No.	List of Seminars	Date	Venue
9	One Day Workshop on Parallel Operation Charges Regime organized by Ministry of Power in Association with CERC/CEA.	17th August, 2011	Vigyan Bhavan, New Delhi
10	Workshop in collaboration with International Energy Agency on grid interaction or variable renewable	9th September, 2011	India Habitat Centre, New Delhi
11	Chief Guest: Renewable Energy Conclave, 2011.	9th September, 2011	PDPU, G'nagar
12	FICCI Western Regional Workshop on Power Distribution Reforms – Key to Growth	12th September, 2011	PDPU, G'nagar
13	Round Table Session on 24 × 7 Power for All – CII Keynote Address	22nd September, 2011	New Delhi
14	World Energy Council	23rd September, 2011	Delhi
15	Key Speaker: Gujarat Solar Mission Curtain Raiser	24th September, 2011	Ahmedabad
16	Key Speaker: Power Markets India and Renewable Markets India	26th September, 2011	Delhi
17	Key Speaker: Power Trading Summit : India 2011	28th September, 2011	New Delhi
18	Guest of Honour: Transmission and Distribution India 2011	29th September, 2011	Mumbai
19	Grey to Green India Conference Wartsilla	13th-14th October, 2011	Udaipur
20	Key Speaker: Reverse Bidding for Solar Projects : Destination Gujarat.	20th- 21st October, 2011	Ahmedabad
21	Key Speaker: Synergy with energy India in energy show 2011. Saket Projects Ltd.	18th-19th November, 2011	Ahmedabad
22	Powering Gujarat – Challenges and opportunities in the power sector- by IPPAI.	30th November, 2011	Ahmedabad
23	Guest of Honour: Demand Side Management & renewable Energy in Gujarat – VIKSAT	15th December, 2011	Ahmedabad
24	Chief Guest: Wind IPP Summit : India 2012	18th January, 2012	Mumbai
25	2nd Solar Energy Summit – Key note address	23rd February, 2012	New Delhi
26	FOIR Meeting 2012	28th Feb. & 1st March, 2012	Ahmedabad & Mount Abu

## 1. ORGANIZATIONAL SET-UP OF THE COMMISSION

### 1.1 THE COMMISSION

During the year, Dr. P. K. Mishra rendered his services as Chairman of the Commission. Mr. Pravin Patel and Dr. M. K. Iyer rendered their services as Member (Technical) and Member (Finance) respectively.

#### OFFICE OF THE COMMISSION

Dr. Ketan Shukla, Indian Foreign Service (IFS) worked as Secretary of the Commission during the year. The office of the Commission has been functioning from a rented building at Neptune Tower, Ashram Road, Ahmedabad 380009.

### 1.2 INFRASTRUCTURE

**Office Building:** The Commission has its office at rented premises with courtroom for conducting hearing of petitions and appeals, conference hall for conducting meetings and library for access of records, information and literature. It also holds an online single user license of Supreme Court cases, for helping the Commission access necessary judicial references.

The Government of Gujarat has allotted 5000 sq. metres land bearing Survey No.102 at Post-Tragad, Taluka-City, Ahmedabad district on the Sarkhej-Gandhinagar Highway, behind Nirma University; to construct a new office building. Possession of this land was taken on 17th December, 2009. Subsequently, it was decided to have office space at the 6th floor of Qc1 Building, Gujarat International Finance Tec-City, Gandhinagar.

**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, 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 31st March, 2012) are given below:







Sr. No.	Name of the employee	Designation
1	Dr. Ketan Shukla, Indian Foreign Service (IFS)	Secretary
2	Mr. M. N. Khalyani, G.A.S (up to 31-12-2011) Miss. C. N. Bhatt (in-charge from 1-1-2011)	Dy. Director (Admin & Accounts)
3	Mr. D. R. Parmar	Joint Director (Technical)
4	Mr. S. R. Pandey	Legal Advisor
5	Miss. C. N. Bhatt	Chief Accounts Officer
6	Mr. B. R. Joshi	Consultant Technical
7	Mr. V. M. Shah (up to 15-9-2011)	Consultant (Building)
8	Mr. Kashyap Parikh	Under Secretary
9	Mr. S. T. Anada	Deputy Director
10	Mr. G. H. Patel	Deputy Director
11	Mr. Apurva U.Adhwaryu (from 9-3-2012)	Deputy Director
12	Mr. D. R. Parmar (up to 23-6-2011)	Executive
13	Mr. Jignesh Makwana	Executive
14	Mrs. Kajal B. Chaudhari	Executive
15	Mr. Abhishek Makwana	Executive
16	Mr. Rajkumar (up to 31-7-2011)	Executive
17	Mr. Santoshkumar Asipu	Executive
18	Mr. Wasim Akhtar Anasari (From 5-3-2012)	Executive
19	Mr. P. R. Sasi	Personal Assistant
20	Mr. Baby Varghese	Personal Assistant
21	Mr. R. G. Pillai	Personal Assistant
22	Mr. R. P. Nair	Personal Assistant
23	Mrs. P. A. Christian	Personal Assistant
24	Mr. K. I. Desai	Junior Assistant

- 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 34 regulations / notifications / orders by publishing new ones or superseding old ones or making amendments as detailed in Annexure 5. Brief details of the regulations / notifications / orders issued during the year are as under:

#### (i) Consumer Grievance Redressal Forum and Ombudsman Regulation, 2011

The Electricity Act 2003 provides the 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, Gujarat Electricity Regulatory Commission notified the regulations for establishment of an Ombudsman and Forum for Redressal of Grievances of Consumers on 25th August, 2004. With the passage of time and looking at the interests of consumers at large, the Commission has framed a new comprehensive and consolidated regulation for the establishment of the Consumer Grievances Redressal Forum and Ombudsman.

The aim is to make the forum more independent and easily accessible to consumers and to resolve grievances in giving effect of provisions of existing regulations. A public notice was issued in the newspaper and suggestions/objections against the draft regulations were invited. Various consumer associations, NGOs and individuals presented their views, which were analyzed in detail and considering the valuable suggestions of stakeholders, the final regulations were prepared and notified on 7-4-2011 by the Commission as Gujarat Electricity Regulatory Commission (Consumer Grievances Redressal Forum and Ombudsman) Regulations, 2011.

#### The important features of the regulations are:

1. The forum shall consist of three members: Chairperson, Technical Member and Independent Member;
2. The Chairperson shall be a retired district judge / retired senior judicial officer or a retired civil servant equivalent to the rank of Collector or a retired senior electrical engineer, equivalent to the rank of Chief Engineer;
3. The Independent Member shall be nominated by the Commission and shall be a representative of a consumer protection organization / association or a person having experience of consumer affairs;
4. In order to provide convenient access to the forum by consumers, a provision is made to hold a meeting each month at district headquarters;
5. Provision is made to prioritize the redressal of complaints/grievances. Complaints regarding disconnection of supply is given top priority and shall be redressed by the forum within 15 days;
6. The licensee is required to comply with the forum's order within the time limit specified by the forum;
7. In case of non-implementation of the forum's order, the complainant may represent to the Ombudsman to direct the licensees to implement the forum's order. Non-implementation of the order by the licensee shall be deemed as a violation of the regulations. The Ombudsman shall initiate proceedings for the implementation of the forum's order by the licensee;
8. The forum has to pass the appropriate order, on the complaint/grievance for its redressal within a maximum period of 45 days from the date of receipt of the grievance;
9. The Ombudsman has to pass an order on the representation within 60 days of the date of the receipt of the representations.

The above regulations are expected to be helpful to the consumers in resolving their grievances in a transparent and time-bound manner.

#### (ii) Terms and Conditions of Intra-State Open Access Regulations, 2011

The Electricity Act, 2003 states regarding promotion of competition in the electricity sector. One of the tools for competition is open access. The Act, mandatory to the transmission and distribution licensees, shall also allow others to utilize their networks, based on the terms and conditions decided by the State Electricity Regulatory Commission. To achieve the above objective, the Commission had issued draft regulations for terms and conditions of Intra-State Open Access Regulations, 2011.

After considering the suggestions/ objections of the stakeholders, the Gujarat Electricity Regulatory Commission notified GERC (Terms and Conditions of Intra-State Open Access) Regulations, 2011, Notification No. 3 of 2011. These regulations supersede the earlier ones of GERC (Open Access) Regulations, notification No. 13 of 2005.

After considering the suggestions/ objections of the stakeholders, the Gujarat Electricity Regulatory Commission notified GERC (Terms and Conditions of Intra-State Open Access) Regulations, 2011, Notification No. 3 of 2011. These regulations supersede the earlier ones of GERC (Open Access) Regulations, notification No. 13 of 2005.

The salient features of the GERC (Terms and Conditions of Intra-State Open Access) Regulations, 2011 are as under:

- The provision for connectivity desired by the open access customer with the state transmission utility/transmission licensee and distribution licensee network is provided in these regulations;
- Open access in the distribution network is also incorporated in these regulations;
- Provision for medium-term open access is incorporated in these regulations, which provides flexibility to the open access customer, who desires it for a period between short-term and long-term access;
- Capacity of 5 MW open access is reduced to 1 MW and above; thus, these regulations provide that open access customers who desire it for 1MW and above are entitled to get the same;
- Provisions made to get supply from the distribution licensee for a period of 42 days in a year by the open access customer in case of failure to receive power supply from the sources where they have tied up to get the supply under open access. In such cases, the tariff requires to pay by the open access customer is also specified.
- The existing consumers of the distribution licensee having contract demand with the licensee are continued to govern under the provision of retail tariff schedule decided by the Commission, from time to time.
- Relaxations made in the charges to be paid by open access customers if they desire relinquishment of the period of open access, prior to completion of the open access period charges in case of relinquishment desired by the long-term medium-term and short-term open access customers.
- The maximum period for short-term open access in a calendar year is six months.
- The short-term open access charges are quite less in comparison to medium-term and long-term open access.

#### (iii) Fixation of Trading Margin (First Amendment) Regulations, 2011 (Notification No. 4 of 2011)

The Commission has issued its first amendment in (Fixation of Trading Margin) Regulations, 2011 and amends the clause 2 as under:

Applicability: These regulations shall apply to the short-term buy/ short-term sell contracts for intra - state trading in electricity undertaken by a licensee.







### 3. ACTIVITIES DURING THE FINANCIAL YEAR 2011-12

#### 3.1 Determination of Tariff

During the year, the Commission issued Multi Year Tariff Orders, comprising truing up for FY 2009-10, Annual Performance Review for FY 2010-11, determination of Aggregate Revenue Requirement (ARR) for the MYT period of FY 2011-16 and determination of tariff for FY 2011-12 for the utilities listed below, operating in the state:

1. Gujarat State Electricity Corporation Ltd (GSECL): state generation company
2. Uttar Gujarat Vij Company Ltd (UGVCL): distribution Company for north Gujarat
3. Dakshin Gujarat Vij Company Ltd (DGVCL): distribution Company for south Gujarat
4. Madhya Gujarat Vij Company Ltd (MGVCL): distribution company for central Gujarat
5. Paschim Gujarat Vij Company Ltd (PGVCL): distribution company for western Gujarat
6. Torrent Power Ltd (TPL)
7. MPSEZ Utilities Private Limited (MUPL)
8. Kandla Port Trust (KPT)
9. Torrent Energy Ltd (TEL)

The highlights of the orders are detailed below:

##### 3.1.1 Gujarat State Electricity Corporation Ltd. (GSECL)

GSECL is the state-owned generation company of Gujarat and one of the main sources of electricity for distribution licensees in the state. GSECL filed its petition for truing up for FY 2009-10, Annual Performance Review for FY 2010-11, determination of ARR for the MYT period of FY 2011-16 and determination of tariff for FY 2011-12, dated 3rd January 2011. GERC examined the petitions, keeping in view the procedures laid down under the Electricity Act, 2003 and the relevant rules and regulations. The Commission invited comments from the Public and stakeholders on the petitions of the utilities, and a public hearing was held on 23rd February 2011. Suggestions and objections from the two stakeholders were received. Chambers of Commerce, industries and consumer organizations put forward their views and participated in the hearing. The Commission issued its order on this petition on 11th April 2011.

GSECL had submitted a business plan for the control period of five years, from FY 2011-12 to FY 2015-16, in accordance with the directives of the Commission. The Commission had observed that the assumptions used by GSECL in the business plan were in variance with the MYT Regulations, 2011. Thereafter, GSECL was directed to revise the business plan for the control period FY 2011-12 to FY 2015-16, in line with the provisions in the MYT Regulations, 2011 and submit the same.

##### Performance of GSECL during FY 2009-10

- Electricity generation from the power plants of GSECL was 25,817 MUs against the approved generation of 29,975 MUs in the MYT order.
- The PAF (Plant Availability Factor) of GSECL stations was less than the approved one, in case of Ukai 1-5, KLTPS 1-3, KLTPS 4, Dhuvaran (oil) and Dhuvaran Gas (2) stations.
- It was observed that Ukai 1-5, Wanakbori 1-6, Sikka TPS, KLTPS 1-3, KLTPS 4, Dhuvaran oil, Dhuvaran gas 1, Dhuvaran gas 2 and Ukai hydro stations achieved less Plant Load Factor than approved.
- In case of Ukai 1-5, Gandhinagar 1-4 and Wanakbori 1-6, the actual auxiliary consumption was less than that approved.
- In case of Wanakbori 1-6, Gandhinagar 1-4, KLTPS 1-3, KLTPS 4 and Dhuvaran oil, the actual Station Heat Rate was more than that approved.

- In case of Gandhinagar 1-4 and Wanakbori 1-6, the actual secondary fuel oil consumption was less than that approved. In case of Ukai 1-5, Sikka TPS, KLTPS 1-3 and KLTPS 4 stations, the secondary fuel oil consumption was more than that approved.
- The coal transit loss for GSECL stations was less than that approved.

##### Performance of GSECL during FY 2010-11

- Electricity generation from the power plants of GSECL was anticipated as 27,661 MUs against the approved generation of 30,926 MUs in the MYT order.
- In case of Gandhinagar 1-4, Sikka TPS and KLTPS 1-3 stations, GSECL anticipated lower PAF than that approved.
- The stations Sikka TPS, KLTPS 1-4, Dhuvaran Gas-1, Ukai hydro and Kadana hydro were projected to achieve lower PLF than that approved.
- The auxiliary consumption projected by GSECL in the case of Ukai 1-5, Gandhinagar 1-4, Sikka TPS, KLTPS 1-3, KLTPS 4, Dhuvaran gas-1, Ukai hydro and Kadana hydro stations was higher than that approved.
- Except for Utran extension, GSECL projected higher SHR for all stations.
- Secondary fuel oil consumption of Ukai 1-5, Sikka TPS, KLTPS 1-3 and KLTPS 4 projected higher than that approved.
- GSECL was directed to strive for better performance in coming years.

##### Truing up of FY 2009-10

While truing up for the year FY 2009-10, the various components of ARR were compared with the approved figures as per tariff order for FY 2009-10, issued on 14th December 2009. The Commission computed the gains and losses for FY 2009-10, based on truing up for each of the components. The Commission approved the revised ARR of Rs. 2071.33 Cr for FY 2009-10, compared to ARR Rs. 2049.40 Cr approved in the tariff order dated 14th December 2009. Thus, there was a gap of Rs. 22.33 Cr in FY 2009-10.

As almost all generating stations of GSECL operated at a lower level of performance than that envisaged in the MYT order during FY 2009-10, the Commission, in accordance with the MYT Framework, allowed GSECL to recover only one-third of the incremental cost of generation; due to lower level of efficiency in the operations.

##### Determination of ARR for FY 2011-12 to FY 2015-16

In addition to the existing installed capacity of 5006 MW, GSECL projected the future capacity additions in their business plan. The details of future capacity additions are given in the table below:





**Future Capacity Additions by GSECL**

S.N	Name of the project	Capacity (MW)	Commissioning Schedule
1.	Ukai-6 (1x500 MW)	500	2011-12
2.	Sikka Extension (2x250 MW)	500	2013-14
3.	Dhuvaran-III (1x350+)	385	2013-14
4.	Wanakbori-8 (1x800 MW)	800	2015-16
5.	Manuyari (gas)	1200	2014-15
6.	Bhadodar (gas)	1200	2014-15
7.	Simor (coal, 2x800 MW)	1600	2016-17
8.	Dholera (coal, 2x800 MW)	1600	2016-17

- Various performance parameters; viz. PAF, PLF, auxiliary consumption, secondary fuel oil consumption, station heat rate and transit loss of GSECL stations for each year of the control period have been approved of by the Commission, as per MYT Regulations, 2011.

Electricity generation from the existing stations of GSECL for each year of the control period approved by the Commission is shown in the table below:

**Approved Generation for GSECL Stations (MUs)**

FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
28,869	28,941	28,968	28,997	29,076

The Commission-approved fuel cost against that projected by GSECL for all the stations, for each year of the control period is shown in the table below:

**Projected and approved fuel cost for existing stations of GSECL (Rs. in crores)**

FY	2011-12	2012-13	2013-14	2014-15	2015-16
<b>Projected by GSECL</b>	6969	7357	7741	8192	8592
<b>Approved by the Commission</b>	5882	5881	5888	5893	5907

- For each year of the control period, the Commission has decided the energy charges for each of the generating stations of GSECL.
- The Commission approved of fixed charges against those projected by GSECL for each year of the control period, as under:

**Projected and approved fixed charges for existing stations of GSECL (Rs. in crores)**

FY	2011-12	2012-13	2013-14	2014-15	2015-16
<b>Projected by GSECL</b>	2762.48	2531.48	2636.48	2695.48	2720.48
<b>Approved by the Commission</b>	2095.42	2154.90	2229.82	2253.53	2240.64

GSECL has been directed to improve its performance parameters, particularly in respect of the Kutch lignite and Sikka Power Stations.

**3.1.2 State-owned Distribution Companies: Discoms (DGVCL, MGVCL, PGVCL and UGVCL)**

The state-owned distribution companies (DGVCL, MGVCL, PGVCL and UGVCL) filed their petitions for truing up for FY 2009-10, Annual Performance Review for FY 2010-11, determination of Aggregate Revenue Requirement for the MYT period of FY 2011-16 and determination of tariff for FY 2011-12 on 12th May 2011.

GERC examined the petitions, keeping in view the procedures laid down under the Electricity Act, 2003 and the relevant rules and regulations. The Commission invited comments from public and stakeholders on the petitions of the utilities, and a public hearing was held on 11th and 12th July 2011. Suggestions and objections from 26 stakeholders were received. Several individuals, business associations like Chambers of Commerce and Industries, industrial associations and consumer organizations participated in the hearing and put forward their views. The Commission issued its orders on the above petitions on 6th September 2011.

**Performance of Discoms during FY 2009-10**

Actual and approved distribution loss of the four distribution companies in FY 2009-10 is shown in the table below:

**Distribution Loss (Approved and Actual)**

Name of Discom	Approved loss in %	Actual loss in %
DGVCL	13.45	15.20
MGVCL	14.00	14.51
PGVCL	28.00	34.38
UGVCL	15.00	17.36

It is observed that none of the Discoms (distribution companies) had achieved the targeted reduction in distribution loss. Also, losses in JGY feeder category were very high in all the four Discoms.

**Truing up of FY 2009-10**

- While truing up for FY 2009-10 for each Discom, the various components of ARR were compared with the approved figures, as per tariff order for FY 2009-10 issued on 14th December 2009. The Commission computed the gains and losses for FY 2009-10, based on truing up for each of the components.

The revised ARR approved in truing up of FY 2009-10 and ARR approved in the tariff order dated 14th December 2009 are shown in the table below:

**ARR Approved (Rs. in crores)**

Name of Discom	ARR approved for FY 2009-10 in tariff order dated 14-12-2009	ARR approved in truing up of FY 2009-10
DGVCL	3907.36	4379.37
MGVCL	2349.17	2721.96
PGVCL	5340.52	5439.57
UGVCL	4107.49	4475.00





- The revenue gap/surplus approved of by the Commission is shown in the table below:

**Revenue gap/surplus for FY 2009-10 (Rs. in crores)**

Name of Discom	Revenue (gap)/surplus
DGVCL	(53.96)
MGVCL	(46.56)
PGVCL	(147.48)
UGVCL	(16.73)

**Performance of Discoms during FY 2010-11**

The Discoms, in their petition, estimated distribution losses based on actual figures of H1 for FY 2010-11.

The approved distribution loss and revised estimated by Discoms are shown in the table below:

**Distribution Loss Approved and estimated for FY 2010-11**

Name of Discom	Approved Loss in %	Estimated Loss in %
DGVCL	12.45	13.45
MGVCL	13.00	13.00
PGVCL	26.00	29.50
UGVCL	14.00	12.70

**Determination of ARR from FY 2011-12 to FY 2015-16**

- Energy sales approved by the Commission for each Discom, for each year, of the control period are shown in the table below:

**Energy sales approved by the Commission for the control period FY 2011-12 to FY 2015-16 (MUs)**

Name of Discom	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
DGVCL	10,273	10,940	11,653	12,400	13,200
MGVCL	7153	7794	8492	9254	10,085
PGVCL	14,521	15,297	16,128	17,023	17,984
UGVCL	14,114	15,092	16,197	17,450	18,888

Distribution loss trajectory approved by the Commission for each Discom, for each year of the control period is shown in the table below:

**Distribution losses approved for the control period FY 2011-12 to FY 2015-16 (%)**

Name of Discom	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
DGVCL	12.35	12.00	11.75	11.50	11.50
MGVCL	12.75	12.50	12.25	12.00	12.00
PGVCL	29.00	27.00	25.50	24.00	23.00
UGVCL	13.50	13.00	12.50	12.25	12.00

PGVCL was directed to strive to reduce losses during the control period. The Commission approved of capital expenditure for the four Discoms, for each year of the control period to meet the requirement of capital investment for various purposes; such as creation of new infrastructure to meet the load growth, to meet statutory requirements, to strengthen the existing system and increase its operational efficiency, as well as replace old and obsolete assets. Discoms envisaged capital expenditure under schemes like RE Normal + Tatkal, non-plan schemes; viz. RAPDRP, SCADA/DMS and new schemes like HVDS for the control period.

The approved capital expenditure for each Discom, for each year of the control period, is shown in the table below:

**Approved Capital Expenditure (Rs. in crores)**

Name of Discom	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
DGVCL	527.70	302.26	307.26	311.36	316.36
MGVCL	250.00	248.00	255.00	204.00	200.00
PGVCL	1268.00	1421.00	1429.00	1006.00	1037.00
UGVCL	407.00	338.00	356.00	347.00	382.00

- Aggregate Revenue Requirement excluding power purchase cost projected by Discom and that approved by the Commission, for each Discom, for each year of the control period, is shown in the table below:

**Projected and approved ARR excluding power purchase cost (Rs. in crores)**

Name of Discom	FY 2011-12		FY 2012-13		FY 2013-14		FY 2014-15		FY 2015-16	
	Proj.	App.	Proj.	App.	Proj.	App.	Proj.	App.	Proj.	App.
DGVCL	450.00	347.09	497	373.89	527	396.39	554	420.46	585	450.10
MGVCL	476.00	418.80	508	442.73	539	465.31	566	487.22	591	514.86
PGVCL	1087.00	935.22	1276	1053.42	1470	1201.73	1627	1344.21	1760	1470.35
UGVCL	662.00	573.59	726	627.53	784	676.79	840	724.86	903	780.98

- The state government envisaged a uniform structure of retail supply tariff in the four Discoms, so that consumers in similar categories could have similar tariffs as in the erstwhile GEB and there may not be any discrimination among the consumers on account of the restructuring.

Since the revenue-earning capabilities and ARR of the four Discoms are different, it was necessary to build a mechanism to enable them to arrive at uniform retail tariffs.

Since the power purchase cost contributes 70 to 80% of the total cost incurred by the Discoms, this factor plays a major role in creating the level playing field among Discoms, for maintaining uniform tariffs. The objective of uniform tariff across four Discoms can be achieved through the Bulk Supply Tariff (BST) mechanism.

In BST, power purchase cost was allocated to each Discom, keeping in view the revenue earned and energy sales by the respective Discom. The Commission took care that allocation of power purchase cost is the reflection of performance of the Discom.

ARR, including power purchase cost approved by the Commission for each Discom, for each year of the control period, is shown in the table below:



**ARR including power purchase cost approved by the Commission (Rs. in crores)**

Name of Discom	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
DGVCL	5092.91	5730.95	6266.45	6639.19	7382.75
MGVCL	3404.33	3942.35	4430.81	4820.36	5509.99
PGVCL	6125.03	6999.94	7674.32	8068.09	9040.88
UGVCL	5332.73	6258.34	7087.05	7744.55	8993.04

**Commission's Directives to Discoms**

Based on the review of performance for FY 2009-10, FY 2010-11 and the Annual Revenue Requirement from FY 2011-12 to FY 2015-16 in respect of the four Discoms, GERC issued several directives, some of which are enumerated below:

- To improve consumer services in respect of providing good quality meters, timely meter reading, proper billing; thereby achieving cent percent metering.
- To submit to the Commission, a detailed plan with time limits for replacing all faulty meters and metering of distribution transformers.
- To draw a plan for reducing distribution loss of several feeders, including Jyotigram Yojana, which is showing high loss. It was also directed to segregate technical and commercial losses.
- To clear the huge backlog of pending applications for new agriculture connections.

**3.1.3 Torrent Power Ltd. (TPL)**

Torrent Power Limited (TPL), a private electricity company, licensed for distribution of electricity in Ahmedabad, Gandhinagar and Surat and for generation in Ahmedabad and Surat, submitted its petition for truing up for FY 2009-10, Annual Performance Review for FY 2010-11, determination of Aggregate Revenue Requirement for the MYT period of FY 2011-16 and determination of tariff for FY 2011-12; dated 24th February 2011.

GERC examined the petition, keeping in view the procedures laid down under the Electricity Act, 2003 and the relevant rules and regulations. The Commission invited comments from public and stakeholders on the utility petitions, and a public hearing was held on 23rd - 24th June, 2011. Suggestions and objections from 157 stakeholders were received. Several individuals, business associations like Chambers of Commerce, as well as industries, industrial associations and consumer organizations participated in the hearing and put forward their views. The Commission issued its order on the above petition on 6th September 2011.

**3.1.3.1 Torrent Power Ltd. - Generation (TPL - G)****Performance of TPL-G during FY 2009-10**

- Electricity generation from TPL's power plants at Sabarmati and Vatva was 3778 MUs, against the approved generation of 3855 MUs in the MYT order.
- The Plant Availability Factors of TPL power stations were lower than the approved levels of the last MYT order, in the case of C station. In case of other stations, it was higher than what was approved.
- It was observed that Plant Load Factor of C station was lower than that approved. Plant Load Factor for other stations was higher than that approved.
- It was noted that for C station, the actual auxiliary consumption was marginally more than that of approved levels in the MYT order and in case of other stations, less than approved levels.
- The actual secondary fuel consumption was lower than that approved in the MYT order.
- The coal transit loss for TPL stations was higher than that approved.

**Performance of TPL-G during FY 2010-11**

- Electricity generation from the TPL power plants was anticipated to be 3319 MUs against the approved generation of 3750 MUs in the MYT order.
- In case of the C station, TPL anticipated lower PAF than that approved. In case of other stations, PAF anticipated was higher than that approved in the MYT order.
- PLF anticipated for all TPL stations was lower than that approved.
- The auxiliary consumption estimated for all TPL stations, except Vatva, was higher than that approved in the MYT order.
- Secondary fuel oil consumption of TPL was lower than that approved.

**Truing up for FY 2009-10**

While truing up for FY 2009-10, the various components of ARR were compared with the approved figures, as per MYT order for FY 2009-10, issued on 17th January 2009. The Commission computed the gains and losses for FY 2009-10, based on truing up for each of the components. The Commission approved the revised ARR of Rs.1200.51 Cr for FY 2009-10, compared to ARR Rs. 913.43 Cr, approved in the MYT order for FY 2009-10; issued on 17th January 2009. The revised ARR was transferred to distribution business, as power purchase cost from TPL-G.

**Determination of ARR from FY 2011-12 to 2015-16**

- Various performance parameters; viz. PAF, PLF, auxiliary consumption, secondary fuel oil consumption, station heat rate and transit loss of TPL stations for each year of the control period have been approved by the Commission, as per MYT Regulations, 2011.

Electricity generation from existing TPL stations for each year of the control period, approved by the Commission, is shown in the table below:

**Approved generation for TPL stations (MUs)**

FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
3370.49	3072.95	3354.26	2901.14	2835.10

The Commission-approved fuel cost against that projected by TPL, for all stations, for each year of the control period, is shown in the table below:

**Projected and approved fuel cost for existing stations of TPL (Rs. in crores)**

FY	2011-12	2012-13	2013-14	2014-15	2015-16
Projected by TPL	868.94	764.04	824.76	665.80	647.42
Approved by the Commission	873.87	773.17	827.60	673.06	654.98

- For each year of the control period, the Commission has decided the energy charges for each of the generating stations of TPL.
- The Commission-approved fixed charges, as against those projected by TPL for each year of the control period, are as under:





**Projected and approved fixed charges for existing stations of TPL (Rs. in crores)**

FY	2011-12	2012-13	2013-14	2014-15	2015-16
Projected by TPL	2762.48	2531.48	2636.48	2695.48	2720.48
Approved by the Commission	2095.42	2154.90	2229.82	2253.53	2240.64

**3.1.3.2 Torrent Power Ltd. - Distribution (TPL - D)****Performance of TPL-D during FY 2009-10**

Actual and approved distribution loss of TPL, Ahmedabad and Gandhinagar (TPL-A) and TPL-Surat (TPL-S) in FY 2009-10 are shown in the table below:

**Distribution loss approved and actual**

Particular	Approved loss in %	Actual loss in %
TPL-A	10.25	8.50
TPL-S	6.00	5.38

It was observed that distribution loss in both the areas of TPL-D was less than that approved of by the Commission.

**Truing up of FY 2009-10**

- While truing up for the year FY 2009-10, the various components of ARR were compared with the approved figures as per MYT order for FY 2009-10, issued on 17th January, 2009. The Commission computed the gains and losses for FY 2009-10, based on truing up for each of the components. Revised ARR approved by the Commission after truing-up and ARR approved in the MYT order dated 17th January, 2009 for TPL-A and TPL-S are shown in the table below:

**ARR approved (Rs. in crores)**

Name of Discom	ARR approved for FY 2009-10 in tariff order dated 14-12-2009	ARR approved in truing up of FY 2009-10
TPL-A	2194.95	2472.28
TPL-S	1375.44	1483.53

The revenue gap/surplus approved by the Commission is shown in the table below:

**Revenue gap/surplus for FY 2009-10 (Rs. in crores)**

Particular	Revenue (gap)/surplus
TPL-A	(47.89)
TPL-S	(4.17)

**Performance of TPL-D during FY 2010-11**

- TPL in its petition estimated distribution loss based on actual figures of H1 of FY 2010-11. The approved distribution loss and revised estimated by TPL is shown in the table below:

**Distribution loss approved and estimated for FY 2010-11**

Particular	Approved loss in %	Estimated loss in %
TPL-A	10.00	8.64
TPL-S	6.00	5.17

**Determination of ARR from FY 2011-12 to FY 2015-16**

Energy sales approved by the Commission for TPL-D, for each year of the control periods are shown in the table below:

**Energy sales approved by the Commission for the control period FY 2011-12 to FY 2015-16 (MUs)**

Particular	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
TPL-A	5783	6237	6731	7269	7855
TPL-S	3274	3385	3502	3623	3751

Distribution loss trajectory approved by the Commission for TPL-D for each year of the control period is shown in the table below:

**Distribution loss approved for the control period FY 2011-12 to FY 2015-16 (%)**

Particular	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
TPL-A	8.50	8.50	8.50	8.50	8.50
TPL-S	5.15	5.15	5.15	5.15	5.15

- The Commission approved the capital expenditure as proposed by TPL for augmentation and upgrading of the distribution network, to meet the requirements of increasing load, reliability and redundancy, regulatory norms and safety measures; including CAPEX on safety measures. However, the capitalization of CAPEX on safety measures was not considered for loading on ARR and would be considered on actual capitalization. The approved capital expenditure for TPL-D, for each year of the control period is shown in the table below:

**Approved capital expenditure (Rs. in crores)**

Particular	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
TPL-A	826.57	1450.71	806.99	650.58	302.51
TPL-S	83.53	69.89	50.38	52.15	42.45

- Aggregate Revenue Requirement (ARR) projected by TPL-D and that approved by the Commission for each year of the control period is shown in the table below:

**Projected and approved ARR (Rs. in crores)**

Name of Discom	FY 2011-12		FY 2012-13		FY 2013-14		FY 2014-15		FY 2015-16	
	Proj.	App.	Proj.	App.	Proj.	App.	Proj.	App.	Proj.	App.
TPL-A	3063.20	2773.93	3544.79	3170.60	4001.34	3571.50	4120.72	3983.12	4650.10	4218.51
TPL-S	1681.36	1492.76	1810.26	1586.27	1935.38	1692.38	2064.07	1816.02	2118.48	1846.41

**Commission's directives to TPL**

- TPL was directed to submit cost-benefit analysis for the control period, year-wise, along with detailed justification for the proposed investment; particularly the investment in special initiatives on safety and the existing and proposed network plan.
- TPL was directed to submit category-wise cost of supply report.



**Highlights of Tariff Orders issued for state-owned Discoms and TPL****Rationalization of Retail Tariff**

- Tariff Structure simplified and made more consumer-friendly
- No tariff hike for BPL consumers and metered agricultural consumers.
- Difference between tariff rates for lighting consumption and motive power consumption in same premises removed. Hence, since September 2011, only one meter required on one premise.
- In view of difficulties in classifying consumers into different categories in the context of structural changes in economy during the recent period, it was decided to continue uniform tariff rates for non-residential consumers; i.e. industrial, commercial, offices, telecom and IT.

**Changes made in Tariff Rates of State-Owned Discoms**

- The state-owned distribution companies had proposed a uniform tariff hike of 25 paise per unit for all consumers, except BPL and agricultural consumers. However, the Commission had decided to allow an average tariff hike of 13 paise per unit; i.e. 4.05% of the then existing tariff.
- For residential consumers, the energy rates were increased by 15 paise for monthly consumption up to 250 units. For monthly consumption of 251 units and above, the increase was 5 paise per unit.
- Non-residential installations having connected loads more than 40 kW were covered under the demand-based tariff.
- For non-residential consumers, the energy rates were increased by 20 paise per unit. The fixed charge on the basis of rupees per BHP per month was converted into per kW per month.
- ToU charges of 35 paise per unit for consumption during peak hours were introduced for HT consumers up to 500kVA contract demand. There is no change in ToU charges of 70 paise per unit for HT consumers having contract demand more than 500 kVA.
- Demand charges for HT consumer having billing demand above 500 kVA were increased from Rs. 30 to Rs. 60 per kW per month.
- For institutions registered with the Charity Commissioner, energy charges were increased by 20 paise per unit.
- For other LT categories, energy charges were increased by 25 paise per unit.

**Change made in Tariff Rates for Torrent Power Limited, Ahmedabad**

- Torrent Power Limited, Ahmedabad had proposed an average tariff hike of 90 paise per unit. However, the Commission had decided to allow a hike of 22 paise per unit; i.e. 4.68% of the existing tariff.
- While deciding the Aggregate Revenue Requirement of Torrent Power Limited, the Commission considered the directives/judgments of the Appellate Tribunal for Electricity (APTEL) on the review petitions of TPL.
- For residential consumers, energy rates were increased by 20 paise per unit for monthly consumption up to 250 units. For monthly consumption of 251 units and above, the increase was 5 paise per unit. Fixed charges for residential consumers were increased by Rs. 5 for single-phase consumers and by Rs. 15 for three-phase consumers.
- Residential installations having connected load more than 15 kW were covered under demand based tariff.
- For non-residential consumers, energy rates were increased by 15 paise per unit. The fixed charge up to 5 BHP installations was increased from Rs. 20 per BHP per month to Rs. 35 per kW per month. For installation above 5 BHP, the fixed charge was increased from Rs. 25 per BHP per month to Rs. 45 per kW per month.

- Demand charges for LTMD consumer were increased from Rs. 30 to 50 per kW per month. Energy charges were increased by 20 paise per unit.
- For all HT consumers, demand charges were increased by Rs. 40 per kW per month. Energy charges for other than pumping stations were increased by 25 paise per unit and for pumping stations by 10 paise per unit.
- For other LT categories, energy charges were increased by 25 paise per unit.

**Change in Tariff Rates for Torrent Power Limited, Surat**

- Torrent Power Limited, Surat had proposed an average tariff hike of 48 paise per unit. However, the Commission had decided to allow an average tariff hike of 12 paise per unit; i.e. 2.63% of the existing tariff.
- For residential consumers, the energy rates were increased by 20 paise for monthly consumption up to 250 units. For monthly consumption of 251 units and above, the increase was 5 paise per unit. Fixed charges for residential consumer were increased by Rs. 5 for single-phase consumer and by Rs. 15 for three-phase consumers.
- For non-residential consumers, energy rates were increased by 15 paise per unit. Fixed charge up to 10 BHP installations was increased from Rs. 20 per BHP per month to Rs. 35 per kW per month. For installations above 10 BHP, fixed charges were increased from Rs. 30 per BHP per month to Rs. 50 per kW per month.
- Demand charges for LTMD consumers were increased from Rs. 15 to Rs. 35 per kVA per month. Energy charges were increased by 20 paise per unit.
- ToU charges of 35 paise per unit for consumption during peak hours was introduced for HT consumers up to 500 kVA contract demand. No change was made in ToU charges of 70 paise per unit for HT consumer having contract demand more than 500 kVA.
- Demand charges for HT consumer having billing demand above 500 kVA were increased from Rs. 50 to 55 per kVA per Month. The energy charge was increased by 15 paise per unit.
- For other LT categories the energy charges were increased by 25 paise per unit.

**3.1.4 MPSEZ Utilities P. Ltd. (MUPL)**

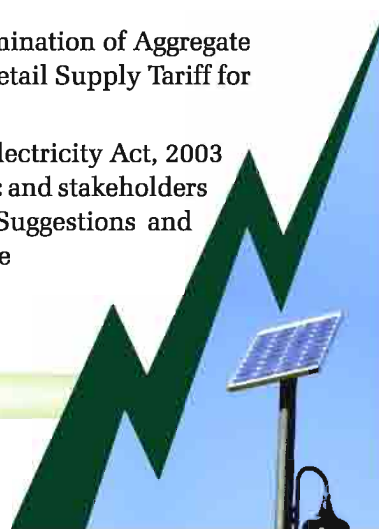
MUPL is a company incorporated in 2008 under the Companies Act, 1956. Another company, Mundra Port and Special Economic Zone Limited (MPSEZL), is developing a multi-product SEZ at Mundra.

MUPL, which was created to provide infrastructure facilities in the Special Economic Zone, entered into a co-developer agreement with MPSEZL. The Ministry of Commerce and Industry, Government of India, has approved of MUPL as a co-developer to create infrastructure facilities in MPSEZL.

MUPL obtained the status of distribution licensee vide Government of India notification dated 3-3-2010. This was also endorsed by GERC vide order No. GERC/Legal 2010/0609 dated 26-4-2010, allowing for distribution of electricity in the Mundra SEZ area, Kutch. As such, MUPL is a deemed licensee for distribution of electricity in the Mundra SEZ area.

MUPL filed its petition for Annual Performance Review (APR) for FY 2010-11, determination of Aggregate Revenue Requirement (ARR) for the control period FY 2011-12 to FY 2015-16 and Retail Supply Tariff for FY 2011-12 on 25th January 2011.

GERC examined the petitions, keeping in view the procedures laid down under the Electricity Act, 2003 and the relevant rules and regulations. The Commission invited comments from public and stakeholders on the petitions of utilities, and a public hearing was held on 18th April, 2011. Suggestions and objections from one stakeholder were received. The Commission issued its orders on the above petitions on 18th August 2011.





**Performance of MUPL during FY 2010-11**

MUPL, in its petition, estimated a distribution loss of 8% for FY 2010-11.

**Determination of ARR from FY 2011-12 to FY 2015-16**

Energy sales approved by the Commission for MUPL for each year of the control period are shown in the table below:

**Energy sales approved by the Commission for the control period FY 2011-12 to FY 2015-16 (MUs)**

FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
94.23	129.31	240.24	466.73	853.39

Distribution loss trajectory approved by the Commission for MUPL for each year of the control period is shown in the table below:

**Distribution losses approved for the control period FY 2011-12 to FY 2015-16 (%)**

FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
8.00	7.75	7.50	7.25	7.00

- The Commission approved the capital expenditure to provide infrastructure in the MPSEZ area, to meet the demand of consumers coming up in the area over the control period, as proposed by MUPL for each year of the control period; shown in the table below:

**Approved capital expenditure (Rs. in crores)**

FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
33.36	33.45	26.63	5.87	10.67

Aggregate Revenue Requirement (ARR) projected by MUPL and that approved by the Commission for each year of the control period is shown in the table below:

**Projected and approved ARR (Rs. in crores)**

FY 2011-12		FY 2012-13		FY 2013-14		FY 2014-15		FY 2015-16	
Proj.	App.	Proj.	App.	Proj.	App.	Proj.	App.	Proj.	App.
67.06	62.63	89.71	83.77	139.59	131.94	231.72	223.59	379.46	366.91

**Commission's Directives to MUPL**

- MUPL was directed to invite bids for power procurement as per Government of India guidelines for a period of four to five years, indicating yearly requirement.
- MUPL was directed to conduct energy audit by providing meters on all feeders and transformers to establish loss levels in the system.

**3.1.5 Kandla Port Trust (KPT)**

The Kandla Port Trust (KPT) is a power distribution licensee. The license for supply of electrical energy was granted to Kandla Port by the Chief Commissioner of Kutch under the Indian Electricity Act, 1910. Consequent to the enactment of the Electricity Act, 2003, KPT became a deemed licensee under the Act and is required to file petition under section 62 of the Act for determination of tariff to the Commission. The main activity of KPT is to facilitate maritime trade for commercial cargo handling vessels.

The distribution of electricity by KPT is limited to the port area. It mainly supplies power to about 1600 domestic and commercial consumers and for port operations. KPT itself carries out all major operations in the port along with another HT consumer carrying out part of the operations.

The present distribution system within KPT comprises one 66 kV substation and fifteen 11 kV substations in the licensed area. KPT is receiving 66 kV supply from GUVNL through GETCO network as per a mutual agreement with GUVNL.

Kandla Port Trust filed its petitions for determination of Aggregate Revenue Requirement for the MYT period of FY 2011-16 and determination of tariff for FY 2011-12, dated 7th December 2010.

GERC examined the petitions, keeping in view the procedures laid down under the Electricity Act, 2003 and the relevant rules and regulations. The Commission invited comments from public and stakeholders on the petitions of utilities. As there were no suggestions and objections from any stakeholder, a public hearing was not required. The Commission issued its orders on the above petitions on 18th August 2011.

**Determination of ARR from FY 2011-12 to FY 2015-16**

Energy sales approved by the Commission for KPT for each year of the control period are shown in the table below:

**Energy sales approved by the Commission for the control period FY 2011-12 to FY 2015-16 (LUs)**

FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
136.14	148.54	162.66	178.18	196.86

Distribution loss trajectory approved by the Commission for KPT for each year of the control period is shown in the table below:

**Distribution losses approved for the control period FY 2011-12 to FY 2015-16 (%)**

FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
9.00	8.75	8.50	8.25	8.00

- The Commission approved capital expenditure for KPT for each year of the control period to meet the requirement of capital investment to meet the load growth, improve quality of supply and reduce distribution losses. The approved capital expenditure of KPT for each year of the control period is shown in the table below:

**Approved capital expenditure (Rs. in lakhs)**

FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
200	200	120	160	800

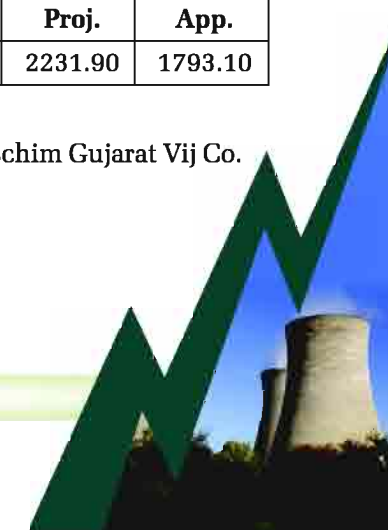
- Aggregate Revenue Requirement projected by KPT and that approved by the Commission for each year of the control period is shown in the table below:

**Projected and approved ARR excluding power purchase cost (Rs. in lakhs)**

FY 2011-12		FY 2012-13		FY 2013-14		FY 2014-15		FY 2015-16	
Proj.	App.	Proj.	App.	Proj.	App.	Proj.	App.	Proj.	App.
1665.40	1288.74	1554.20	1394.55	1748.80	1509.86	1959.80	1631.91	2231.90	1793.10

**Tariff Order for KPT**

The Commission directed KPT to charge consumers as per the Tariff Schedule of Paschim Gujarat Vij Co. Ltd for FY 2011-12.





**Commission's Directives to KPT**

Based on the Annual Revenue Requirement from FY 2011-12 to FY 2015-16 in respect of KPT, GERC issued several directives, some of which are enumerated below:

- To provide, within a period of three months, meters at all the supply points for port operations, street lights and other consumer points, 11 KV feeders, distribution transformers and to conduct energy accounting, to arrive at actual distribution losses in the system. It was also directed to reduce the distribution losses.
- To maintain asset register and separate accounts duly certified by the statutory auditors for FY 2011-12 onwards and to create balance sheet and profit & loss account for the distribution business.
- To organize meter readings, preferably by using hand-held instruments and develop appropriate organization and train staff for meter reading, billing and revenue realization and other distribution activities.

**3.1.6 Torrent Energy Ltd (TEL)**

Torrent Energy Limited (TEL) is a Special Purpose Vehicle (SPV) company promoted by Torrent Power Limited (TPL), to fulfil its commitment to generate and distribute power as a co-developer of the Dahej Special Economic Zone. DSEZ is being developed by the Government of Gujarat through Gujarat Industrial Development Corporation (GIDC) and Oil and Natural Gas Corporation (ONGC). DSEZ has been notified by the Ministry of Commerce and Industry, Government of India vide notification No. 2131(E) dated 20th December, 2006 as a multi-product SEZ. The Government of Gujarat has 'in principle' approved TEL as co-developer in the DSEZ area for the purpose of establishing generation and distribution facilities. The Ministry of Commerce and Industry, Government of India has approved of TEL as a co-developer to set up generation and distribution infrastructure in DSEZ.

GERC, vide its order dated 17th November, 2009, has issued an order for a distribution license to TEL as a second distribution licensee, as per the provisions of section 14 of the Electricity Act, 2003 for distribution of electricity in the DSEZ area. Accordingly, GERC vide its letter dated 29th December, 2009 has issued a distribution license dated 18th December, 2009. TEL started commercial operations in distribution from 4th April 2010 and is in the process of establishing a distribution network for power distribution to various SEZ units. TEL is also in the process of implementing a power plant at Dahej, called DGEN. The proposed capacity is tentatively expected to commence generation from January 2014.

TEL submitted its petition for truing up for FY 2010-11, determination of Aggregate Revenue Requirement (ARR) for the control period FY 2011-12 to FY 2015-16 and Retail Supply Tariff for FY 2011-12, on 14th July 2011.

GERC examined the petition keeping in view the procedures laid down under the Electricity Act, 2003 and the relevant rules and regulations. The Commission invited comments from public and stakeholders on the petitions of utilities, and a public hearing was held on 5th and 18th October, 2011. Suggestions and objections from four stakeholders were received. Several industries and consumer organizations participated in the hearing and put forward their views. The Commission issued its order on the above petition on 12th December, 2011.

**Performance of TEL during FY 2010-11**

Actual and approved distribution loss of TEL for FY 2010-11 is shown in the table below :

**Distribution Loss Approved and Actual**

Approved loss in %	Actual loss in %
4.00	0.99

**Truing up for FY 2010-11**

The ARR for FY 2010-11 as submitted by TEL in the ARR petition and the actual furnished in the truing up and as noted by the Commission based on the audited accounts for FY 2010-11 is shown in the table below:

**ARR Approved (Rs. in crores)**

ARR petition	Actual	Considered in the truing up
176.51	37.40	25.92

The Commission approved of a revenue gap of Rs. 3.71 crores.

**Determination of ARR from FY 2011-12 to FY 2015-16**

Energy sales approved by the Commission for TEL for each year of the control period are shown in the table below:

**Energy sales approved by the Commission for the control period FY 2011-12 to FY 2015-16 (MUs)**

FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
187.92	691.29	1257.33	1761.47	2183.60

- Distribution loss trajectory approved by the Commission for TEL for each year of the control period is shown in the table below:

**Distribution losses approved for the control period FY 2011-12 to FY 2015-16 (%)**

FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
3.00	3.30	3.35	3.75	3.80

- The Commission approved capital expenditure for TEL, for each year of the control period, to meet the requirement of capital investment, to meet the load growth and to provide reliable power. The approved capital expenditure for TEL for each year of the control period is shown in the table below:

**Approved Capital Expenditure (Rs. in crores)**

FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16
158.10	40.94	59.03	54.25	49.11

Aggregate Revenue Requirement projected by TEL and that approved by the Commission for each year of the control period is shown in the table below:

**Projected and approved ARR excluding power purchase cost (Rs. in crores)**

FY 2011-12		FY 2012-13		FY 2013-14		FY 2014-15		FY 2015-16	
Proj.	App.	Proj.	App.	Proj.	App.	Proj.	App.	Proj.	App.
129.39	102.44	399.91	364.29	718.87	646.45	900.73	876.62	996.31	968.48

**Tariff Order for TEL**

The Commission directed TEL to charge consumers as per the Tariff Schedule of Dakshin Gujarat Vij Co. Ltd for FY 2011-12 as ceiling tariff.



**Commission's Directives to TEL**

Based on the Annual Revenue Requirement from FY 2011-12 to FY 2015-16 in respect of TEL, GERC issued several directives, some of which are enumerated below:

- To conduct energy audit by providing meters on all feeders and transformers to establish loss levels in the system
- To maintain separate accounts for its distribution business and generation business

**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 their metering plans from distribution licensees, approve and monitor the same. The Commission had directed all the distribution licensees to submit their plans. In response, the licensees have submitted that all connections are metered, except for agricultural connections.

**Metering status of agricultural consumers for FY 2011-12 is as under:**

Sr. No	Distribution Licensee	Metered Agricultural Connections
1	UGVCL	32.18%
2	DGVCL	51.8%
3	MGVCL	65.29%
4	PGVCL	48.11%
5	TPL (Ahmedabad)	100 %
6	TPL (Surat)	100%

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 Performance Standards**

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 the above notification. The Commission obtains quarterly reports with details required under provisions of the SoP regulations for distribution.

**3.2.4 Setting up of CGR Forum and Ombudsman**

The National Electricity Policy emphasizes the formulation of guidelines regarding setting up of a grievance redressal forum by the licensees and appointment of an ombudsman.

The Commission has notified regulations for setting up of Consumer Grievance Redressal Forums (CGRFs) and an Ombudsman. It reviews their performance through quarterly reports and periodic review meetings.

There are eight CGRFs operating in Gujarat. For every forum, one independent member has been selected by the Commission. The Commission has appointed an independent Electricity Ombudsman in Gujarat, who operates from an independent office.

**3.3 Status in the context of Tariff Policy****3.3.1 Return on Equity**

The tariff policy envisages that SERCs should allow a 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 2011-12, for all utilities in the state.

**3.3.2 Depreciation Rates**

As per the tariff policy, the Central Commission notified regarding 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 2011-12
1	GSECL	5.11%
2	GETCO	5.01%
3	UGVCL	5.27 %
4	DGVCL	5.27 %
5	MGVCL	5.25 %
6	PGVCL	5.27 %
7	SLDC	5.86%
8	TPL (Generation)	3.59%
9	TPL (Ahmedabad)	4.11%
10	TPL (Surat)	3.21%

**3.3.3 ToD Tariff:**

The tariff policy provides for facilitating implementation of 'Time of Day' (ToD) tariffs.

'Time of Use' (ToU) tariff is already in practice in Gujarat. There is a separate tariff applicable for LT consumers whose contract demand is equal to or more than 40 kW and for HT consumers contracted for regular power supply of 100 kVA and above, using electricity exclusively during night hours; from 10:00 pm to 6:00 am.

Moreover, ToU tariff is applicable to the waterworks category of LT tariff. In the HT category, except for HT-Agriculture and railway traction tariff, all others get the benefit of ToU tariff.

ToD Tariff rates as applicable to UGVCL, DGVCL, MGVCL & PGVCL with respect to Tariff Orders dated 6th Sept. 2011 are tabulated below:

**Peak Hour Timings :** 0700 hrs -- 1100 hrs and 1800 hrs -- 2200 hrs

**Off Peak Hour Timings :** 1100 hrs -- 1800 hrs

**Night Hours :** 2200 hrs -- 0600 hrs (following day)





Consumer Category	Peak Tariff Paise/kWh	Off-Peak Tariff Paise/kWh
Rate LTMD- Night: Applicable for aggregate load above 40kW and use of electricity exclusively during night hours.	425	220
Rate Non-RGP- Night: Applicable for aggregate load above 40kW and use of electricity exclusively during night hours.	If electricity is utilized for period other than night hours, then tariff of relevant slab of Non-RGP category shall apply.	220
Type-I waterworks and sewerage pumps operated by other than local authority.	385	Discount of 30 paise/kWh for consumption during off-peak period; viz., 1100 hrs to 1800 hrs. and discount of 75 paise/kWh for consumption during night hours; viz. 2200 hrs to 0600 hrs.(following day) for all waterworks categories.
Type-II waterworks and sewerage pumps operated by local authority, such as Municipal Corporation, Gujarat Water Supply & Sewerage Board; located outside Gram Panchayat Area.	365	
Type-III waterworks and sewerage pumps operated by Municipalities / Nagarpalikas and Gram Panchayat or Gujarat Water Supply & Sewerage Board for its installation in Gram Panchayats.	275	
Rate HTP – I and II: regular supply with CD or actual demand for first 500 kVA of billing demand.	425	390
Rate HTP – I and II: regular supply with CD or actual demand for next 2000 kVA of billing demand		410
Rate HTP – I and II: regular supply with CD or actual demand in excess of 2500 kVA.	495	420
Rate HTP-III: supply of electricity at high voltage, contracting for not less than 100 kVA for temporary period.	705	630
Rate HTP-IV: supply of electricity to HT consumers opting to use electricity exclusively during night hours.	If electricity is utilized for the period other than night hours, then tariff of relevant slab of HTP I category shall apply.	200

ToD tariff rates as applicable to Torrent Power Ltd, Ahmedabad with respect to tariff orders dated 6th Sept. 2011 are 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	370 paise per unit
ii)	Remaining units consumed per month	360 paise per unit

#### TIME OF USE (ToU) CHARGE

	For consumption during specified hours as mentioned below:	
(i)	For April to October: 1200 hrs -- 1700 hrs & 1830 hrs -- 2130 hrs	
(ii)	For November to March: 0800 hrs -- 1200 hrs & 1800 Hrs -- 2200 hrs.	
	(a) For billing demand up to 300 kW	50 paise per unit
	(b) For billing demand Above 300 kW	70 paise per unit

#### 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

Flat Rate	325 paise / unit
-----------	------------------

#### ToU CHARGE

For consumption during specified hours as mentioned below:	
(i) April to October: 1200 - 1700 hrs and 1830 - 2130 hrs	
(ii) November to March: 0800 - 1200 hrs and 1800 - 2200 hrs	50 paise per unit

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

This is for consumers of regular power supply who opt for electricity exclusively at night, between 2200 hours and 0600 hours, the following day.

#### FIXED CHARGE

Fixed Charges	30% of the demand charges under relevant tariff category
---------------	--





**ENERGY CHARGE**

Flat rate	310 paise per unit
-----------	--------------------

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

ToD Tariff rates as applicable to Torrent Power Ltd, Surat, with respect to tariff orders dated 6th Sept. 2011, are tabulated below:

**Rate HTMD-1**

This tariff shall be applicable for the 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:**

First 400 units per kVA billing demand per month	405 paise/unit
Remaining units consumed per month	395 paise/unit

**PLUS****TIME OF USE CHARGE:**

	For energy consumption during the two peak periods; viz., 0700 hrs -- 1100 hrs and 1800 hrs -- 2200 hrs.	
	For billing demand up to 500 kVA	35 paise/unit
	For billing demand above 500 kVA	70 paise/unit

**RATE: HTMD-2**

This tariff shall be applicable for supply of energy at 3.3V 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	400 paise/unit
II	Remaining units consumed/month	395 paise/unit

**[PLUS]****TIME OF USE CHARGES:**

	For energy consumption during the two peak periods; viz., 0700 hrs - 1100 hrs and 1800 hrs - 2200 hrs.	
	For billing demand up to 500 kVA	35 paise/unit
	For billing demand above 500 kVA	70 paise/unit

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

This is for consumers of regular power supply who opt to use electricity exclusively at night between 2200 hours and 0600 hours, the following day.

**FIXED CHARGE**

Fixed Charges	30% of demand charges under relevant tariff category
---------------	--

**ENERGY CHARGE**

Flat Rate	310 paise per unit
-----------	--------------------

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

**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, so that consumers in the future are not burdened with earlier costs.

The Appellate Tribunal for Electricity (APTEL), in its order dated 11th Nov, 2011 in OP No.1 of 2011, also directed that every state Commission must have in place a mechanism for fuel and power purchase cost adjustment in terms 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 has approved of a formula for calculation of FPPPA charges for state-owned Discoms in its order dated 25th June, 2004 and for TPL, vide order 31st July, 2007. The Commission has directed distribution utilities to obtain approval of the commission if increase in FPPPA is beyond 10 paise per kWh in a quarter, compared to FPPPA charges in the previous quarter, prior to billing the consumers.

Discoms and TPL regularly submit the FPPPA charge calculations along with supporting documents to the Commission on a 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 passed on to the 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 2011-12 are shown in the table below:**

FY 2011-12	Discoms	TPL
April '11 to June '11	73 paise/unit	59 paise/unit
July '11 to September '11	79 paise/unit	69 paise/unit
October '11 to December '11	99 paise/unit	107 paise/unit
January '12 to March '12	109 paise/unit (January) 157 paise/unit (Feb & Mar)	107 paise/unit (January) 151 paise/unit (Feb & Mar)

Information regarding FPPPA recovery and FPPPA calculations submitted to the Commission for approval is placed on the licensee's website.





### 3.4 Solar Tariff Order No. 1 of 2012

GERC had, vide its order No.2 of 2010 dated 29-1-2010, determined the tariff for power generated from solar power projects to be commissioned during the period from 29th January, 2010 to 28th January, 2012. As the control period specified in the order was over on 28th January, the Commission decided to determine afresh the tariffs for solar projects to be commissioned after that date, for the next control period.

The Solar Tariff Order No. 1 of 2012 is the outcome of an elaborate process of analysis and consultations. It follows a systematic and transparent process of tariff determination. GERC considered suggestions and comments of stakeholders and held a public hearing on 27th December, 2011. While deciding upon the tariff, the Commission considered the various technical and commercial aspects, in the pricing of various components of solar power projects, guidelines of the Central Electricity Regulatory Commission (CERC), provisions of the Jawaharlal Nehru National Solar Mission, solar power policy of the Government of Gujarat and provisions of the Electricity Act, 2003 etc. The Commission also considered the interest of consumers, project developers and utilities so that it would provide a platform for promotion of solar energy-based projects. The salient features of the above solar tariff order are as under:

- The control period for the proposed tariff is from 29th January, 2012 to 31st March, 2015.
- A separate tariff is determined and proposed by the Commission for (i) Solar PV MW based power projects; (ii) Solar PV kW based rooftop power projects; (iii) solar thermal power projects.
- In view of the declining trend in the prices of Solar PV globally, the Commission has decided to reduce the tariff by 7% annually, during the second and third year of the control period.

The Commission approves of the tariff for procurement by the distribution licensees and others from solar energy projects for the control period from 29 January, 2012 to 31 March, 2015 as outlined in the table below:

Period	29 Jan 2012 to 31 Mar 2013	1 Apr 2013 to 31 Mar 2014	1 Apr 2014 to 31 Mar 2015
For megawatt-scale photovoltaic projects availing of accelerated depreciation			
Levellized tariff for 25 years	₹ 9.28 per kWh	₹ 8.63 per kWh	₹ 8.03 per kWh
For first 12 years	₹ 9.98 per kWh	₹ 9.13 per kWh	₹ 8.35 per kWh
For subsequent 13 years	₹ 7.00 per kWh	₹ 7.00 per kWh	₹ 7.00 per kWh
For kilowatt-scale photovoltaic projects availing of accelerated depreciation			
Levellized tariff for 25 years	₹ 11.14 per kWh	₹ 10.36 per kWh	₹ 9.63 per kWh
<b>Levellized tariff for Solar Thermal Projects</b>			
With accelerated depreciation benefit:	11.55 per kWh for 25 years		

- Only solar power projects established with new plants and machinery would be eligible for the benefit of tariff determined within the scope of this order.
- No cross-subsidy surcharges would be levied in case of third-party sale by solar power projects.
- The intra-state ABT order will not be applicable to solar power generation projects. Considering the nature of solar energy, all solar energy power plants will be considered as 'must-run' facilities and the power generated from such plants will be kept out of the merit order dispatch principles.
- In order to promote kW scale rooftop solar projects, no wheeling charges shall apply for wheeling of power generated by rooftop power projects, as such projects decrease the transmission and distribution losses for the utility and increase the efficiency of the grid.

- The order also contains the relevant commercial aspects such as transmission charges, wheeling charges, security deposit and sharing of CDM (Clean Development Mechanism) benefits.
- The proposed new tariff will be helpful to encourage generation of solar-based electricity, which is of renewable nature and will facilitate reduced requirement of fossil fuels and be helpful for sustainable development. It will also enable distributed generation, which will be helpful in reduction of losses in local areas and also provide job opportunities and development of personnel in the field of solar-based power generation and its operation and maintenance.

### 3.5 Disposal of Petition and Appeals

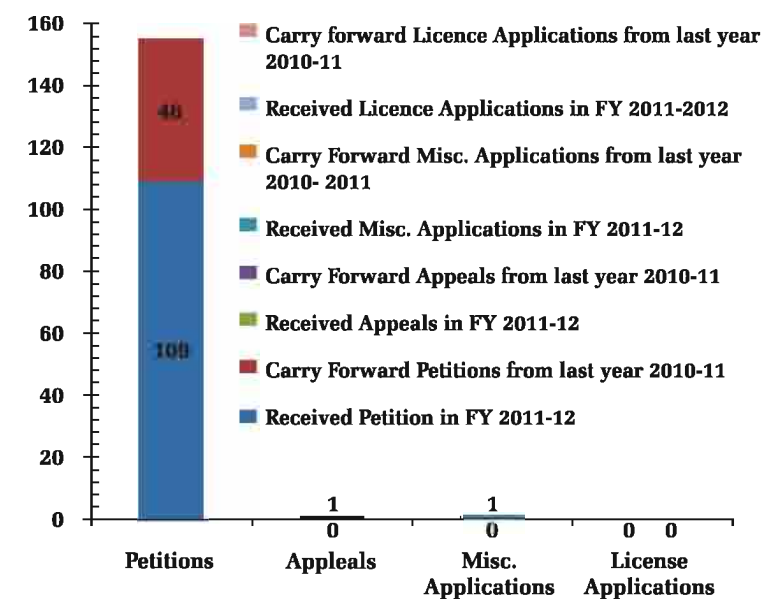
The Commission has disposed of 111 petitions and one miscellaneous application during the financial year 2011-12, while 44 petitions and one appeal were pending as on 31-3-2012.

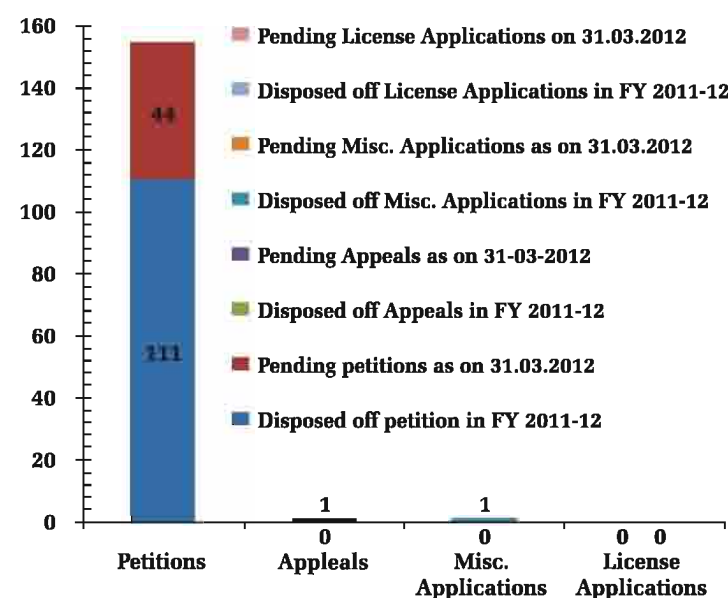
The details are given in the table below:

Particulars	Pending as on 1-4-2011	Received during the year	Total	Disposed of during the year	Pending as as on 31-3-12
Petitions	46	109	155	111	44
Appeals	1	0	1	0	1
Misc Applications	0	1	1	1	0
Total	47	110	157	112	45

The details of petitions and miscellaneous applications, disposed of during the year 2011-12, are depicted in Annexures 3 and 4, respectively.

### Status of petitions, appeals, miscellaneous applications and license applications during FY 2011-2012





### 3.6 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 6. The Commission is monitoring the working of such forums through quarterly reports submitted to it and review meetings. Performance of Consumer Grievances Redressal Forums (CGRF) during the year 2011-2012 is shown in Annexure 7.

#### • Electricity Ombudsman

The Commission has appointed Mr. V. T. Rajpara 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
17	110	127	106	21

The nature of the representations received and their forum-wise break-up are given in Annexures 8 and 9, respectively.

### 3.7 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 Organisations, education and research. The constitution of the committee is given in Annexure 10. 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 2011-12, the committee held three meetings on 6th April 2011, 27th May, 2011 and 26th November, 2011.

### 3.8 Training Programmes

Details of training/workshops etc. attended by staff members of GERC during the year 2011-2012 (01-04-2011 to 31-03-2012)

Sr. No.	Name of the Officer	Subject	Duration	Venue	Organizer
1.	Mr. Abhishek Makwana Executive	- Open Access, ABT related	01-08-2011 to 05-08-2011	REC, Hyderabad	REC, Hyderabad
		- Workshop on ARR-APR	20-10-2011 to 22-10-2011	Mumbai	K. J. Somaiya Institute, Mumbai.
2.	Mr. Santoshkumar Asipu Executive	- Open Access, ABT related	01-08-2011 to 05-08-2011	REC, Hyderabad	REC, Hyderabad

### 3.9 FOR Meetings

In order to coordinate the activities of central and state electricity regulation, a forum of regulators has been constituted by the Government of India under section 166 (ii) of the Electricity Act 2003. The GERC Chairman, who is a member of the forum, actively participated in various meetings and working groups constituted by FOR, as detailed below:

FOR Meeting	Date	Attended by
23rd FOR meeting at Dehradun (Uttarakhand)	29th April, 2011	Dr. P. K. Mishra, Chairman
24th FOR meeting	15th & 16th June, 2011	Mr. Pravin Patel, Member (Technical)
25th FOR meeting at Surajkund	29th July, 2011	Mr. Pravin Patel, Member (Technical)
26th FOR meeting at Kandaghat, Dist. Solan (Himachal Pradesh)	9th & 10th October, 2011	Dr. P. K. Mishra, Chairman
FOR working group meeting on DSM at New Delhi	4th November, 2011	Dr. P. K. Mishra, Chairman

Contd...





FOR Meeting	Date	Attended by
FOR working group meeting on Renewable Energy at New Delhi	2nd December, 2011	Dr. P. K. Mishra, Chairman
27th FOR meeting at Raipur	16th December, 2011	Dr. P. K. Mishra, Chairman
FOR working group meeting on Renewable Energy at Chennai	12th January, 2012	Dr. P. K. Mishra, Chairman
28th FOR meeting at Bodh Gaya, Bihar	3rd - 5th February, 2012	Dr. P. K. Mishra, Chairman

### 3.10 FOIR Meetings

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 practice and regulatory economics, collaborate with academic and research institutions, professional bodies and NGOs in India and internationally; in areas of interest to the society. During the year 2010-11, two meetings of FOIR were held as mentioned below:

FOIR Meeting	Date	Attended by
12th AGM	15th & 16th June, 2011	Mr. Pravin Patel, Member (Technical)
Meeting/Workshop/Research Conference at Ahmedabad and Mount Abu organized by GERC	29th February - 2nd March, 2012	(i) Dr. P. K. Mishra - Chairman (ii) Mr. Pravin Patel - Member (Technical) (iii) Dr. M. K. Iyer - Member (Finance)

### 4. ANNUAL 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 FINANCIAL STATEMENT BALANCE SHEET AS ON 31ST MARCH, 2012

	Amount (Rs.)	
	2011-2012	2010-2011
<b>CORPUS / CAPITAL FUND AND LIABILITIES</b>		
CORPUS /GERC CAPITAL FUND	71,00,00,000.00	53,00,00,000.00
RESERVES AND SURPLUS	3,78,27,423.58	3,48,35,433.13
EARMARKED ENDOWMENT FUNDS	0.00	0.00
SECURED LOANS AND BORROWINGS	0.00	0.00
UNSECURED LOANS AND BORROWINGS	1,000.00	77,210.00
DEFERRED CREDIT LIABILITIES	0.00	0.00
CURRENT LIABILITIES AND PROVISIONS	1,07,98,863.92	1,04,57,853.58
<b>TOTAL</b>	<b>75,86,27,287.50</b>	<b>57,53,70,496.71</b>
<b>ASSETS</b>		
FIXED ASSETS	1,90,20,365.58	1,90,81,708.58
INVESTMENTS -FROM EARMARKED / ENDOWMENT FUNDS	0.00	0.00
INVESTMENTS - OTHERS	0.00	0.00
CURRENT ASSETS , LOANS , ADVANCES	73,96,06,921.92	55,62,88,788.13
<b>MISCELLANEOUS EXPENDITURE</b>		
<b>TOTAL</b>	<b>75,86,27,287.50</b>	<b>57,53,70,496.71</b>





**GUJARAT ELECTRICITY REGULATORY COMMISSION**  
**INCOME AND EXPENDITURE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 2012**

	Amount (Rs.)	
INCOME	2011-2012	2010-2011
Income from sales / service	0.00	0.00
Grants / subsidies	0.00	0.00
Fees and charges	15,72,44,598.00	14,64,38,440.00
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	6,21,79,490.51	3,30,66,707.83
Other income	57,981.00	32493.00
Increase/decrease in stock of finished goods & work in progress	0.00	0.00
TOTAL (A)	21,94,82,069.51	17,95,37,640.83
EXPENDITURE		
Establishment expenditure	2,06,91,989.00	2,09,14,094.80
Other administrative expenses etc.	1,49,45,454.06	1,22,71,821.69
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)	8,52,636.00	10,07,731.00
TOTAL (B)	3,64,90,079.06	3,41,93,647.49
Balance being excess of income over expenditure (A-B)	18,29,91,990.45	14,53,43,993.34
Transfer to Corpus Fund	18,00,00,000.00	14,00,00,000.00
Transfer to General Reserve	29,91,990.45	53,43,993.34
Balance being surplus transferred to Balance Sheet	0.00	0.00
<b>SIGNIFICANT ACCOUNTING POLICIES, CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS</b>		

**5. THE POWER SECTOR SCENARIO IN GUJARAT - AN OVERVIEW****Gujarat State Power Sector Scenario****5.1 The power sector in the state of Gujarat comprises the following state-owned and private utilities:***State-owned Utilities*

- Gujarat State Energy Corporation Limited (GSECL) : generating company
- Gujarat Electricity Transmission Company Limited (GETCO)
- Dakshin Gujarat Vij Company Limited (DGVCL)
- Madhya Gujarat Vij Company Limited (MGVCL)
- Paschim Gujarat Vij Company Limited (PGVCL)
- Uttar Gujarat Vij Company Limited (UGVCL)
- Gujarat Urja Vikas Nigam Limited (GUVNL) - Holding Company

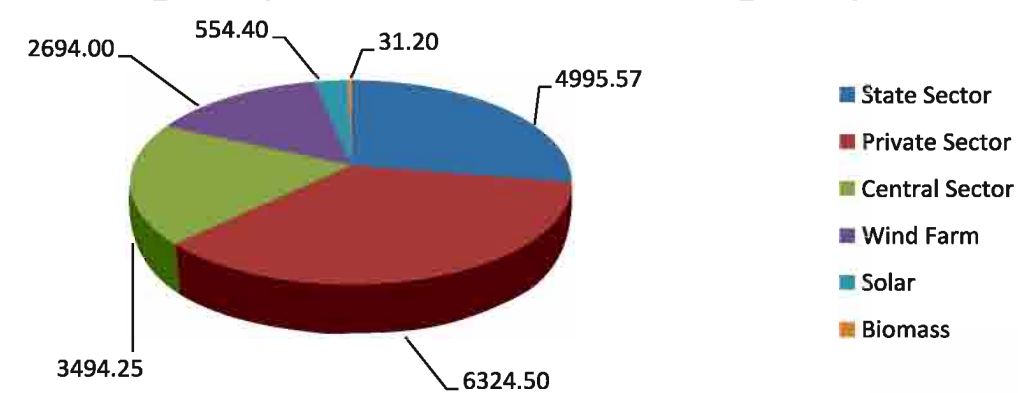
*Private Utilities*

- Torrent Power Limited (Ahmedabad)
- Torrent Power Limited (Surat)
- Torrent Power Limited (Generation)

In addition to the above, there are four SEZs, which are deemed Distribution Licensees in their respective areas and Kandla Port Trust, a Distribution Licensee in the Kandla Port area.

**5.2 The sector-wise composition of installed generation capacity at the end of FY 2011-12 was as under:**

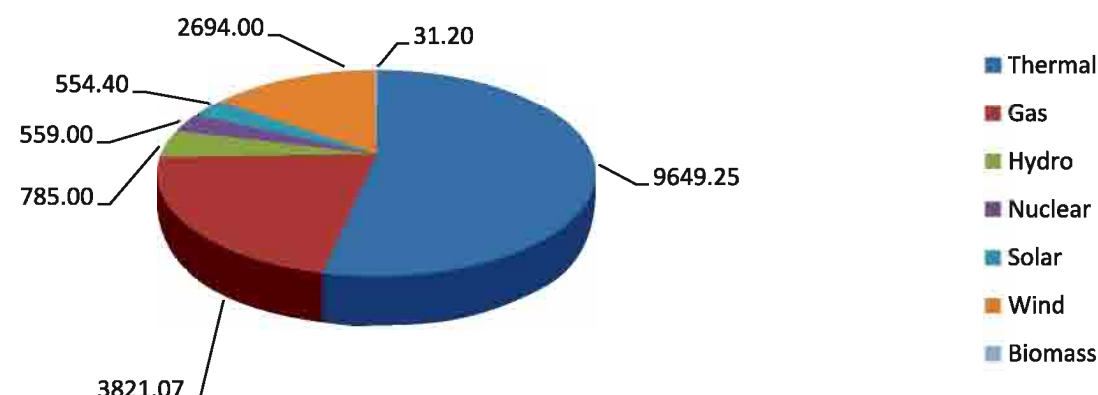
Particulars	As on 31-03-2012	
	Capacity (MW)	Share (%)
State Sector	4995.57	27.61
Private Sector	6324.50	34.95
Central Sector	3494.25	19.31
Wind Farm	2694.00	14.89
Solar	554.40	3.06
Biomass	31.20	0.17
<b>Total</b>	<b>18093.92</b>	<b>100</b>

**Installed Capacity as on 31.03.2012 Capacity (MW)**

### 5.3 The fuel-wise composition of installed capacity at the end of FY 2011-12 was as follows :

Particulars	As on 31-03-2012	
	Capacity (MW)	Share (%)
Thermal	9649.25	53.33
Gas	3821.07	21.11
Hydro	785.00	4.34
Nuclear	559.00	3.10
Solar	554.40	3.06
Wind	2694.00	14.89
Biomass	31.20	0.17
<b>Total</b>	<b>18093.92</b>	<b>100</b>

### Fuel wise installed capacity as on 31.03.2012 Capacity (MW)



### 5.4 Renewable Energy Scenario in Gujarat

#### Solar Power

- Gujarat, with the announcement of the historic Solar Power Generation Policy in 2009, saw the signing of 961.5 MW PPAs by 87 national and international developers. It was the first state to issue the state-specific Solar Tariff Order and separate RPO for solar power.
- Highlights of the Solar Power Policy and order of GERC, regarding solar power:
  - Concessional Wheeling Charge for wheeling of power generated from Solar Power Projects;
  - Exemption from payment of electricity duty;
  - Grid connectivity and evacuation facility to be provided by the STU; viz. GETCO, from the switchyard of the Solar Power Project;
  - Non-applicability of merit order principle for despatch of power for solar power projects;
  - Attractive tariff of Rs. 15 per kWh for initial 12 years and Rs. 5 per kWh for two remaining life of 13 years for Solar PV Projects;
  - Separate Renewable Purchase Obligation (RPO) for solar power projects, starting at 0.25 % for the year 2010-11 and rising to 1.0 % for the year 2012-13;

- As a further initiative to provide large-scale development of solar power in the state, the state government has developed a Solar Park at Charanka Village in Patan District, where infrastructure facilities have been created for installation of 500 MW of solar power projects;
- As a result of the above, the state was able to attract the investors to install solar power projects in large numbers and PPAs were signed for 961.5 MW of Solar PV Projects. Of these, Solar PV projects of 554.40 MW were commissioned by 31-03-2012;
- Further, the Government of Gujarat has developed a master plan for making the state capital at Gandhinagar a solar city, where roof-top Solar PV Projects, totaling 5 MW, are being implemented in 2 stages of 2.5 MW each.

### 5.5 Gujarat: Wind Energy, the big player

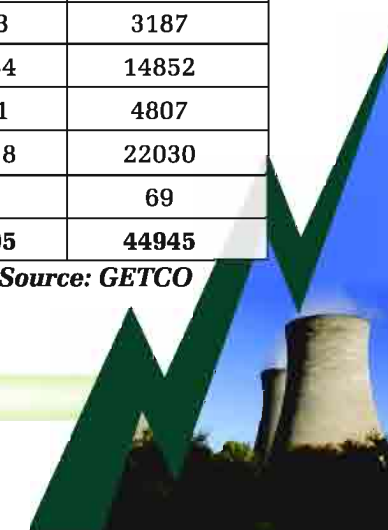
- On the wind energy front, the state has also embarked upon an ambitious plan to tap the large wind power potential. In 2009, the state government announced an amendment to the Wind Energy Policy to tap the 10,000 MW of the wind power potential along the coastal areas – Saurashtra and Kutch. Today, this policy has undergone major revisions to attract even more investors in the field.
- The amendments to the Wind Power Policy, 2009, include:
  - Tariff for purchase of power by distribution utilities increased from Rs. 3.37 to Rs 3.56 per kWh;
  - Renewable energy power purchase obligation increased from the existing 2% to 5.5%;
  - A mechanism for issuing Renewable Energy Certificates – a market-based tradable instrument to promote renewable energy in the state and facilitate renewable energy obligation of utilities/ open access and captive consumers, using conventional fuel, which are not otherwise able to meet the obligation of purchase of power from renewable sources;
  - GETCO (Gujarat Energy Transmission Company) will provide grid connectivity to wind farms and permit private producers to lay transmission lines.
- As on 31-03-2012, installed capacity of Wind Power Projects is 2694.00 MW, which is catering to 5.04 % of the annual energy consumption of the state at an investment of Rs. 8500 crores. These projects annually generate 3961 MUs of electricity, saving 2.40 MT coal and reducing carbon emissions levels by 3.50 million tons.

### 5.6 Status of Transmission System in the State

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

Voltage Class	No. of Sub stations			Transmission Line in Ckt.km		
	As on 31-3-2010	As on 31-03-2011	As on 31-03-2012	As on 31-03-2010	As on 31-03-2011	As on 31-03-2012
400 KV	9	11	11	2048	2653	3187
220 KV	73	74	79	13082	13654	14852
132 KV	48	48	49	4764	4781	4807
66 KV	919	1056	1130	19556	20538	22030
33 KV	1	1	1	69	69	69
<b>Total</b>	<b>1050</b>	<b>1190</b>	<b>1270</b>	<b>39519</b>	<b>41695</b>	<b>44945</b>

Source: GETCO





**5.7 Open Access**

Open Access is one of new concepts recognized and introduced in the Electricity Act, 2003. It is a tool for creation of competition in the market, which signalled a new openness to reform and desire to accelerate sector reform in an effort to harmonize the operations of various agencies in the sector. The legislation is in the incremental stage, given the enormity of the task at hand and hence remains a work-in-progress. However, its importance in laying the foundation for rapid growth of the power sector in India, cannot be minimized.

The provisions of the Electricity Act, 2003 the Central Transmission Utility, State Transmission Utility and Transmission and Distribution Licensees to provide open access to the persons who desire to utilize the network of the above entities. Thus, any person who desires to utilize the network of the above entities for transfer of power from one place to another, is eligible to carry out such activity by paying the necessary charges, as decided by CERC/ SERCs.

To achieve the above objective, the Commission had issued draft regulations for terms and conditions of Intra-State Open Access Regulations, 2011. After considering the suggestions/ objections of the stakeholders, the Gujarat Electricity Regulatory Commission has notified GERC (Terms and Conditions of Intra-State Open Access) Regulations, 2011, Notification No. 3 of 2011. These regulations supersede the earlier regulations of GERC (Open Access) Regulations, Notification No. 13 of 2005.

The salient features of the GERC (Terms and Conditions of Intra-State Open Access) Regulations, 2011 are as under:

- The provision for connectivity desired by the open access customer with State Transmission Utility/ Transmission and Distribution Licensee network is provided in these regulations;
- Open Access in the distribution network is also incorporated in these regulations;
- Provision for medium-term open access is incorporated in these regulations, which provide flexibility to customers who desire open access for a period between short-term and long-term access.
- The earlier capacity of 5 MW for open access is reduced to 1 MW and above; thus consumers having a demand of 1 MW and above are entitled to procure power from the source of their choice by availing open access to the transmission and distribution network;
- Provisions are made to seek supply from the Distribution Licensee for a period of 42 days in a year by the open access customer, in case of failure to receive power supply from the sources where they have tied up to get the supply under open access. In such cases, the tariff requires to be paid by the open access customer is also specified;
- The existing consumers of the distribution licensee having contract demand with the licensee, continue to be governed by the provision of retail tariff schedule decided by the Commission from time to time;
- Relaxations are made in the charges to be paid by the open access customers if they desire to relinquish the period of the open access, prior to completion of the open access period;
- The maximum period for short-term open access in a calendar year is six months;
- The short-term open access charges are quite low in comparison to medium-term and long-term open access charges.

**5.8 Status of short-term open access application processed during FY 2010-11 and 2011-12 by the State Load Dispatch Centre is given below:**

Short Term Open Access Application Statistics			
Year	No. of Application Received	No. of Applications Approved	No. of Applications Rejected
2010-11	599	577	23
2011-12	1187	1057	130

Source-SLDC Annual Report

**5.9 Consumer Grievances Redressal Forum**

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, Gujarat Electricity Regulatory Commission notified the regulations for establishment of an Ombudsman and establishment of a Forum for Redressal of Grievances of Consumers on 25th August, 2004. With the passage of time and looking to interests of consumers at large, the Commission has framed a new set of comprehensive and consolidated regulations for establishment of the Consumer Grievances Redressal Forum and Ombudsman. The aim is to make the forum more independent and easily accessible to the consumers and to resolve grievances in giving effect of provisions of existing regulations. A public notice was issued in the newspaper and suggestions/objections against the draft regulations were invited. Various consumer associations, NGOs and individuals presented their views which were analyzed in detail and considering the valuable suggestions of stakeholders, the final regulations were prepared and notified on 07-04-2011 by the Commission as Gujarat Electricity Regulatory Commission (Consumer Grievances Redressal Forum and Ombudsman) Regulations, 2011.

**5.10 In accordance with the above regulations, the Distribution Licensees in the State has set up eight Consumer Grievances Redressal Forums, as detailed below:**

DISCOMs	Address	Phone	Fax	E-Mail	Jurisdiction (Districts)
PGVCL - Rajkot	Paschim Gujarat Vij Seva Sadan Registered & Corporate Office Off Nana Mava Road, Laxminagar Rajkot - 360 004.	(0281) 2380425, 2380427	(0281) 2380428	<a href="mailto:forum.pgvcl@gebmail.com">forum.pgvcl@gebmail.com</a>	Rajkot, Jamnagar, Junagadh, Porbandar
PGVCL - Bhavnagar	Paschim Gujarat Vij Company Limited Zonal Office Old Power House Compound Chavadi Gate Bhavnagar- 364002	(0278) 2521760, 2521761	(0278) 2521763	<a href="mailto:forumbhavnagar.pgvcl@gebmail.com">forumbhavnagar.pgvcl@gebmail.com</a>	Bhavnagar, Surendra-nagar, Amreli
PGVCL - Bhuj	Paschim Gujarat Vij Company Limited, Zonal Office, Power House Compound, Hospital Road, Bhuj-(Kutchh) 370 001	(02832) 223032	(02832) 223033	<a href="mailto:bhuj.pgvcl@gebmail.com">bhuj.pgvcl@gebmail.com</a>	Kutchh





DISCOMs	Address	Phone	Fax	E-Mail	Jurisdiction (Districts)
MGVCL	Consumer Grievances Redressal Forum, Madhya Gujarat Vij Company Limited, 5th floor, SP Vidyut Bhavan, Racecourse, Vadodara 390007.	0265 - 2310582 to 86 (Extn 3541)	0265 - 2340692	<a href="mailto:segerc1.mgvcl@gebmail.com">segerc1.mgvcl@gebmail.com</a>	Vadodara, Anand, Godhra, Kheda & Panchmahals
DGVCL	"Dakshin Gujarat Vij Seva Sadan", Registered & Corporate Office, Kapodra Char Rasta, Nana Varachha Road, Surat-395006.	0261 - 2804235	0261 - 2572636	<a href="mailto:eegerc.dgvcl@gebmail.com">eegerc.dgvcl@gebmail.com</a>	Bharuch, Surat, Valsad, Narmada and Tapi
UGVCL	Consumer Grievances Redressal Forum, Uttar Gujarat Vij Company Limited, Near Torrent AEC, Railway Crossing, Sabarmati, Ahmedabad-380005.	(079) 27500981, 27500214		<a href="mailto:forum@ugvcl.com">forum@ugvcl.com</a>	Ahmedabad (excluding City Area), Gandhinagar (excluding City Area), Mehsana, Patan, Banaskantha, Sabarkantha
TPL - Ahmedabad	Torrent Power Ltd. Consumer Grievance Redressal Forum, C/o Torrent Power Limited, 2nd Floor, Jubilee House, Opp.: AEC Tower, Shahpur, Ahmedabad-380001.	079 - 25502881 to 25502888	079 - 25501510	<a href="mailto:consumerforum@torrentpower.com">consumerforum@torrentpower.com</a>	Ahmedabad City, Gandhinagar City.
TPL - Surat	Torrent Power Ltd. Consumer Grievance Redressal Forum, C/o Torrent Power Limited Torrent House, First Floor, Station Road, Surat - 395003	0261 - 2428281, 2413014 ext. 5026	0261 - 2422294	<a href="mailto:consumerfor umtps1@torrentpower.com">consumerfor umtps1@torrentpower.com</a>	Surat City

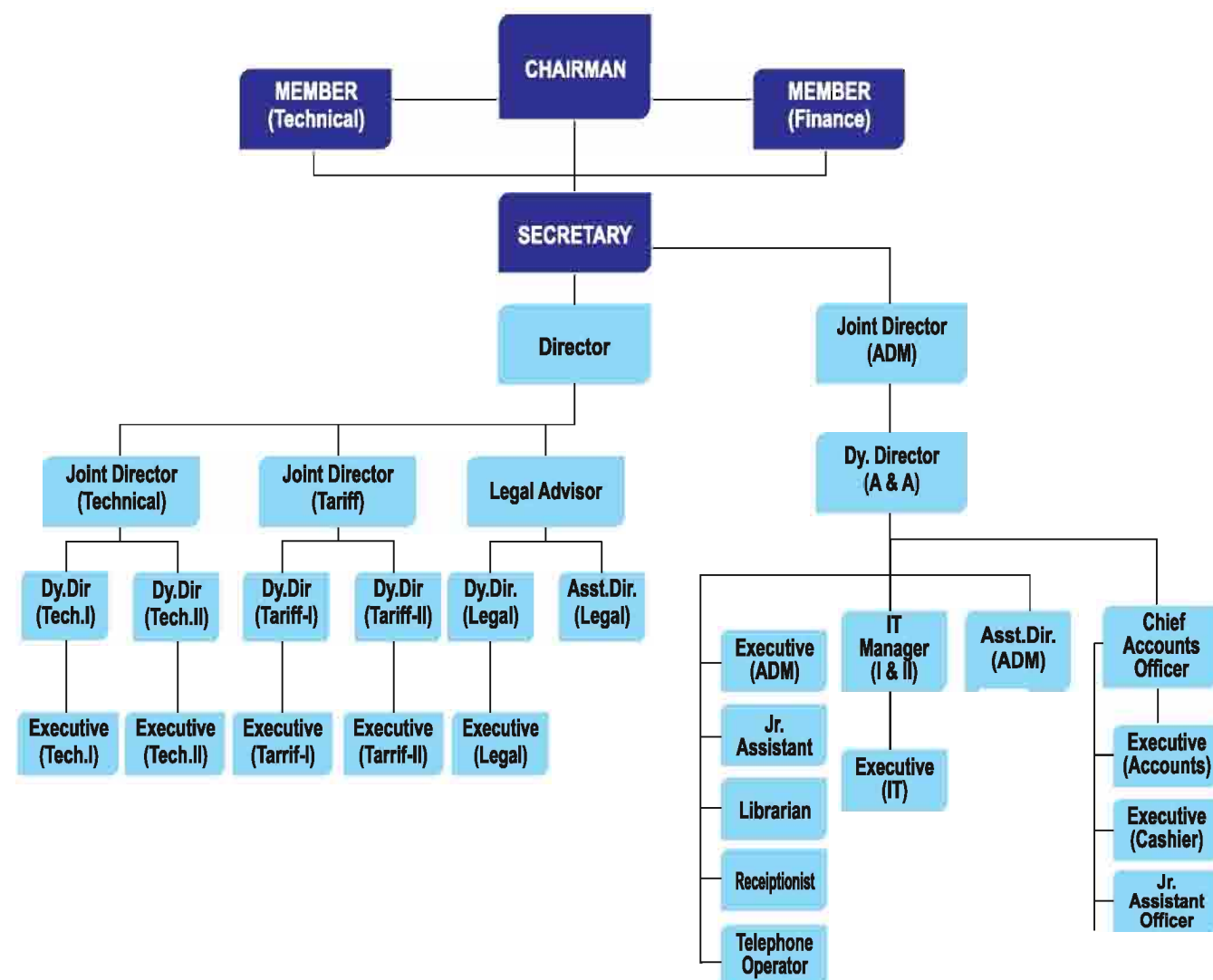
ANNEXURE 1  
Positions within the Commission

Sr. No.	Name of the post	No. of posts sanctioned	No. of posts filled			Vacant Post
			On Deputation	On Contract	Permanent Basis	
1	Secretary	01	01	0	0	0
2	Director	01	0	0	0	01
3	Joint Director	03	0	0	01	02
4	Legal Advisor	01	01	0	0	0
5	Deputy Director	06	03	0	0	03
6	Accounts Officer	01	01	0	0	0
7	Assistant Director	02	01	0	0	01
8	IT Manager	02	0	0	0	02
9	PA (English Steno)	04	01	0	03	0
10	PA (Gujarati Steno)	01	-	-	01	0
11	Executive	09	01	0	04	04
12	Junior Assistant	02	01	0	0	01
13	Librarian	01	0	0	0	01
14	Receptionist	01	0	0	0	01
15	Telephone Operator	01	0	0	0	01
16	Driver-cum-attendant	08	0	0	05	03
17	Peon	06	0	0	4	02
	<b>Total</b>	<b>50</b>	<b>10</b>	<b>0</b>	<b>18</b>	<b>22</b>





ANNEXURE 2  
Organizational Structure of GERC



ANNEXURE 3  
Details of the petitions disposed of during the year 2011-2012

Sr. No.	Petition No.	Filled By	Subject
1	941/2008	1) CERS 2) Mid India Power & Steel Ltd. 3) Gallant Metal Ltd. v/s CEI, GUVNL, UGVCL, PGVCL, MGVCL & DGVCL	Illegal collection of Parallel Operation Charges (POC) by GETCO and to grant stay as per section 94(2) of the Electricity Act, 2003
2	1009/2010	Gujarat Hydro Power Producers' Association v/s. GUVNL, GOG(EPD) & (Irrigation Dept.)	Modifications & amendments in Govt. of Gujarat policy for small/ mini/ micro/ hydel projects and directing the respondent to modify & amend applicable clauses of PPA
3	1021/2010	Torrent Power Ltd.	Clarification in order of case No.1001/2010 & 966/09
4	1022/2010	Torrent Power Ltd.	Clarifications of order dt. 31-3-2010 in petition No. 988/2010
5	1043/2010	Utility Users Welfare Association	Review Petition in order dt. 31-3-2010 in petition No. 988/2010
6	1047/2010	GUVNL v/s. GIPCL	Approval of PPA with GIPCL for SLPP expansion project
7	1049/2010	GUVNL	Approval & adoption of tariff for procurement of 3000±20% power on long-term basis under Case -1 route of tariff based Competitive Bidding Guidelines (CBG)
8	1052/2010	Hanjer Green Power Pvt. Ltd.	Determination of tariff for sale of power to dist. licensees in the state from its plants, based on Refuse Derived Fuel
9	1056/2010	MPSEZ Utilities Pvt. Ltd.	Determination of tariff as per ARR of distribution business of the company from 28-8-2010 to 31-3-2011
10	1059/2010	Hindustan Chemicals Company Ltd v/s DGVCL, Surat GUVNL, Vadodara	For direction against the respondent for granting set-off of units generated by the petitioner's WTG from the date of commissioning on 24-9-2009 till date of signing of the wheeling agreement on 20-3-2010
11	1060/2011	Kandla Port Trust	Multi Year Tariff Order for Kandla Port Trust (Petition No. 1060/2011)
12	1061/2011	GSECL	Multi Year Tariff Petition for determination of tariff of Gujarat State Electricity Corporate Limited (GSECL)
13	1064/2011	Utility Users Welfare Association v/s TPL	For non-compliance of direction of GERC in order no. 914/2007, 939/2008, 966/2009 & 988/2010





Sr. No.	Petition No.	Filled By	Subject
14	1065/2011	Gujarat Urja Vikas Nigam Ltd.	In the matter of exemption of procurement of power by distribution companies on long-term basis from state controlled/owned generating compan(ies) through tariff- based competitive bidding process
15	1068/2011	Torrent Energy Ltd.	Approval for long-term arrangement to cater to the demand of Dahej SEZ license area
16	1069/2011	Western Railway, Valsad v/s DGVCL	Refund of excess demand charges for the period of July 2004 to January 2006 as per order of Ombudsman and GERC
17	1070/2011	MPSEZ Utilities Pvt. Ltd.	Multi Year Tariff Petition for MPSEZ Utilities Private Limited
18	1071/2011	Torrent Power Limited	Revision of minimum quantum of purchase target (%) from Renewable Energy (RE) Sources for the year 2010-11 in view of supply constraints & factors beyond their control
19	1072/2011	Consumer Education Research Society v/s CEI, Gandhinagar, GUVNL, PGVCL, UGVCL, MGVCCL, DGVCL	Large number of human and animal deaths due to snapping of overhead high tension wires under section 86 (1) (i) of the EA, 2003
20	1074/2011	GUVNL v/s Bhavnagar Energy Company Ltd.	Approval of PPA (Power Purchase Agreement) signed by GUVNL with Bhavnagar Energy Company Ltd. ( BECL)
21	1075/2011	Oreva Energy Pvt. Ltd. v/s GUVNL	To adjudicate the dispute and alleging breach of PPA as illegal
22	1077/2011	GETCO v/s Elecon Engineering Company Ltd.	Review of the order dated 31-1-2011 passed by the Commission in suo-motu petition No. 1057 of 2010
23	1078/2011	GETCO v/s Azalea Enterprise Pvt. Ltd.	Review of the order dated 10-2-2011 passed by the Commission in suo-motu petition No. 1058 of 2010
24	1079/2011	GETCO v/s Suzlon Power Infrastructure Ltd.	Review of the order dated 21-2-2011 passed by the Commission in suo-motu petition No. 1066 of 2010
25	1080/2011	Adani Power Ltd. v/s GUVNL	Application under Article 13 of the purchase agreement dated 6-2-2007 entered between GUVNL for the adjustment of tariff
26	1081/2011	GUVNL v/s GSECL	Petition for approval of PPA signed by GUVNL with GSECL for 112.45 MW Dhuvaran CCPP – II
27	1082/2011	GUVNL v/s GSECL	Petition for approval of PPA signed by GUVNL with GSECL for 75 MW Kutch Lignite Thermal Power Station (KLPTS) Unit No. IV
28	1083/2011	GUVNL v/s GSECL	Petition for approval of PPA signed by GUVNL with GSECL 395 MW Dhuvaran CCPP-III

Sr. No.	Petition No.	Filled By	Subject
29	1084/2011	GUVNL v/s GSECL	Petition for approval of PPA signed on 4-1-2011 by GUVNL with GSECL for 2×250 MW Sikka Unit III and IV
30	1085/2011	GUVNL v/s GSECL	Petition for approval of PPA signed by GUVNL with GSECL for 500 MW Ukai expansion
31	1086/2011	GIPCL v/s GUVNL	Approval of capital cost for Surat Lignite Power Project (SLPP) phase II 2×125 MW lignite-based (CFBC) expansion project
32	1087/2011	Gujarat Krushi Vij Grahak Surakha Sangh v/s UGVCL, DGVCL, MGVCCL PGVCL, GUVNL, EPD, GoG	Injustice and discrimination against farmers situated in the dark zone, declared talukas and in the tribal areas, waiting for electricity connections for irrigation purpose since 1990 and onward
33	1088/2011	Elecon Engineering Ltd. v/s. GETCO	To pass appropriate urgent orders and/or directions against the respondents to comply with the order passed by the Commission in case No. 1057/2011, by which Commission has directed GETCO to refund the amount of the bank guarantee
34	1090/2011	Torrent Power Ltd	Approval for procurement of power to cater the demand of consumers of A'bad, G'nagar & Surat license area under section 86(1)(b) pursuant to bidding process carried out under section 63 of EA, 2003
35	1091/2011	Torrent Power Ltd.	Misc. petition seeking approval to allow recovery of increase in FPPPA charges beyond 10 paise per unit, quarterly, in compliance with the direction of GERC order dt. 17-1-2009 in petition No. 939 of 2008; read with section 62, 86 and 94 of EA, 2003
36	1092/2011	Torrent Power Ltd.	Multi Year Tariff Petition No. 1092/2011 for tariff determination
37	1093/2011	Adani Power Ltd. v/s GUVNL	Petition seeking adjudication upon the dispute in terms of the PPA dt. 2-2-2007 under bid: 02/LTPP/2006 with GUVNL, regarding APL's right to sell to third party prior to scheduled CoD versus GUVNL's claim
38	1094/2011	GSECL v/s GUVNL	GUVNL petition for review of order dated 3-5-2010 in the petition 983/2009 approving PPA GSECL v/s. GUVNL (U-GBPS-II)
39	1095/2011	Torrent Power Ltd.	Approval of long-term arrangements to meet the shortfall in power supplies to cater the demand of A'bad & Surat license areas in accordance with applicable provisions of EA, 2003 (278 MW – UNOSUGEN)
40	1096/2011	Torrent Power Ltd.	Misc. petition in the matter of the bidding process carried out for procurement of A'bad, G'nagar and Surat license area under section 63 of EA, 2003



Sr. No.	Petition No.	Filled By	Subject
41	1097/2011	SAL Steel Ltd v/s SLDC	Application for direction of compliance with the order dated 18-12-2010 in petition No. 1048/2010 & refund of amount as per the above order, passed against the respondent
42	1098/2011	Ankur Scientific Energy Technologies Ltd. v/s MGVL	Review/rectification of the Commission's order No. 5 of 2010 date 17-5-2010 on biomass- based power project
43	1099/2011	MGVL	Multi Year Tariff petition for Madhya Gujarat Vij Company Ltd.
44	1100/2011	UGVL	Multi Year Tariff petition for Uttar Gujarat Vij Company Ltd.
45	1101/2011	DGVL	Multi Year Tariff petition for Dakshin Gujarat Vij Company Ltd.
46	1102/2011	PGVL	Multi Year Tariff Petition for Paschim Gujarat Vij Company Ltd.
47	1103/2011	MGVL v/s DGVL, UGVL, PGVL & GUVNL	Recovery of charges towards cost of electric lines and transformer centres from LT consumers
48	1104/2011	Energy & Petrochemicals Dept. v/s TPL	Tariff for agriculture consumers of TPL
49	1105/2011	Sundeeep Nursing Home v/s MGVL	Compliance with the Ombudsman order dt. 9-9-2010 and passed in case No. 33 of 2010 and allowing interest on the principle amount payable by MGVL
50	1106/2011	Torrent Energy Ltd.	Approval of procurement of power from GUVNL for 10 MW for the period 1st April to 31st March, 2013 to cater the demand of consumers of Dahej license area under sec 86(1) (b) of the EA, 2003
51	1108/2011	Ankur Scientific Energy Technologies Ltd. v/s MGVL	Reasonable changes in the draft power purchase agreement between the petitioner (biomass-based generation) and respondent (Discom)
52	1109/2011	GIPCL	Review petition against the Commission's order for petition No. 1047/2010 dated 19-4-2011
53	1110/2011	Mr. Vijay Kumar Jyantilal Thakkar	Review Petition against the order of the Commission dated 23-12-2010 in the misc. application No. 14/2010
54	1111/2011	M/s. Lupin Limited	Application to the grant of additional load on 22 KV supply by differentiating the maximum demand limitation between 11kV and 22 kV
55	1112/2011	GETCO	Review petition against the order No. 1062/2011 dated 31-3-2011

Sr. No.	Petition No.	Filled By	Subject
56	1115/2011	Laghu Udyog Bharti Gujarat v/s GUVNL, MGVL	In the matter of filing of petition under electricity supply code and its clause 8.9, 8.10, 8.11 for clarification for assessment under clause 7.1.1 (iv) read with fees and fines regulations, 2005
57	1116/2011	GUVNL v/s Vasu Bioenergy Pvt. Ltd.	Adjudication of disputes between GUVNL and Vasu Bioenergy Ltd.
58	1117/2011	Torrent Energy Ltd.	Multi Year Tariff petition for tariff determination of Torrent Energy Ltd.
59	1118/2011	British Super Alloys Pvt. Ltd v/s GETCO	Petition (i) for adjudication of the dispute between licensee (GETCO) and generating company (British Super Alloys Pvt. Ltd.); (ii) the petitioner is entitled for wheeling agreement with the respondent (GETCO) at the rate of 4%, as the WTG was commissioned during control period of order No. 2 of 2006 dated 11-8-2006 of GERC; (iii) for issuing further direction to GETCO to revise the agreement dated 31-3-2011, by reducing the rate of wheeling charges from 7% to 4%; (iv) also to direct GETCO not to charge transmission charges as per amended policy
60	Suo-Motu 1119/2011	Jubilant Infrastructure Ltd.	Petition for approval of tariff and MYT petition from FY 2011 to FY 2015-16 with forward business plan
61	1124/2011	Shree Renuka Sugars Ltd. v/s UGVL, MGVL, PGVL, DGVL, GUVNL and Torrent Power Ltd. (Ahd)	Determination of electricity tariff for electricity power to be generated by co-generation unit of Shri Renuka Sugars Ltd. being set up at Bharapar, Gandhidham, Kutch
62	1125/2011	M/s. Cargo Solar Power Project Pvt. Ltd. v/s GUVNL and GEDA	Petition seeking adjudication upon the dispute in the terms of the PPA dated 25-4-2010 for 25 MW solar power project
63	1126/2011	M/s. Hiraco Renewable Energy Pvt. Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
64	1127/2011	M/s. Sandland Real Estate Pvt. Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
65	1128/2011	Natubhai. J. Rathod v/s PGVL	Execution application for order dated 20-7-2010 in case No. 20/2009 of Ombudsman, Ahd.
66	1129/2011	M/s. CBC Solar Technologies Pvt. Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
67	1132/2011	M/s. Responsive SUTIP Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010





Sr. No.	Petition No.	Filled By	Subject
68	1133/2011	M/s. Chattel Constructions Pvt. Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff Order No.2 of 2010 dated 29-1-2010
69	1134/2011	M/s. Ganeshvani Merchandise Pvt. Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
70	1135/2011	Ujjawala Power Pvt. Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
71	1136/2011	Ganges Green Energy Pvt. Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
72	1137/2011	Torrent Power Ltd.	In the matter of clarifications/rectifications of the order passed by the Commission in case No. 1092/2011
73	1138/2011	M/s. SAL Steel Ltd.v/s GETCO, MGVL, DGVCL, PGVCL, UGVCL	In the matter of levy of the POC for the CPP running in parallel of GETCO's and Discoms grid
74	1139/2011	M/s. MPSEZ Utilities Pvt. Ltd.	Petition for seeking approval for deviations in standard bidding document issued by MoP, GoI for the medium-term power procurement for the quantum of 30-170 ( $\pm 20$ ) MW for supply period of FY 2012-13 to 2015-16
75	1140/2011	Shah Alloys Ltd. v/s GETCO, MGVL, DGVCL, UGVCL, PGVCL and CEI, Gandhinagar	Application in order of petition No. 256/2003 and 867 of 2006 for GERC order dated 1-6-2011
76	1142/2011	Gujarat Power Corporation Ltd. v/s GERMI and TPL	Petition for approval of terms and conditions of RFP, and Govt. of Gujarat Rooftop Green Incentive and Lease Agreement, PPA with respect to rooftop Solar Power Project.
77	1143/2011	Kemrock Industries & Exports Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
78	1144/2011	Tata Power Renewable Energy Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
79	1145/2011	Taxus Infrastructure & Power Projects Pvt. Ltd. v/s EPD, GUVNL & GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
80	1146/2011	Alex Astral Power Pvt. Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
81	1147/2011	Acme Tele Power Pvt. Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010

Sr. No.	Petition No.	Filled By	Subject
82	1148/2011	Surana Telecom & Power Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
83	1149/2011	SEI Solar Power Pvt. Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
84	1153/2011	Roha Dyechem Pvt. Ltd. v/s EPD, GUVNL & GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
85	1154/2011	Louroux Bio Energies Ltd. v/s EPD, GUVNL & GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
86	1155/2011	ZF Steering Gear (India) Ltd. v/s EPD, GUVNL & GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
87	1158/2011	Energy and Petrochemicals Dept. v/s TPL, Ahmedabad	Tariff for agriculture consumers of Torrent Power Ltd. (Ahd)
88	1159/2011	Solar Energy Association of Gujarat v/s GUVNL, GEDA, EPD, G'nagar	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
89	1160/2011	Yantra E Solar India Pvt. Ltd. v/s GUVNL, GEDA, EPD, G'nagar	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
90	1162/2011	Millenium Synergy (Gujarat) Pvt. Ltd. v/s GUVNL, GEDA, EPD, G'nagar	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
91	1163/2011	GMR Gujarat Solar Power Pvt. Ltd. v/s GUVNL, GEDA, EPD, G'nagar	Petition under Section 86(1)(a), read with 62 of the Electricity Act, 2003 and for the amendment of the Power Purchase Agreement dated 8th December, 2010.
92	1164/2011	Aatash Powr Pvt. Ltd. v/s GUVNL, GEDA, EPD, G'nagar	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
93	1165/2011	Abellon Clean Energy Ltd. v/s GUVNL, GEDA, EPD, G'nagar	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
94	1168/2011	GMR Gujarat Solar Power Pvt. Ltd. v/s GUVNL, GEDA, EPD, G'nagar	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
95	1169/2011	Saumya Constructions Pvt. Ltd. v/s GUVNL, GEDA, EPD, G'nagar	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
96	1170/2011	Ambit Advisory Services Pvt. Ltd. v/s GUVNL, GEDA, EPD, G'nagar	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
97	1171/2011	Claris Life Sciences Pvt. Ltd. v/s GUVNL, GEDA, EPD, G'nagar	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
98	1172/2011	Solarfield Energy Pvt. Ltd. v/s GUVNL, GEDA, EPD, G'nagar	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
99	1178/2011	Avatar Solar v/s GUVNL, GEDA, EPD, G'nagar	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
100	1179/2011	EMCO Ltd. v/s GUVNL, GEDA, EPD, G'nagar	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010





Sr. No.	Petition No.	Filled By	Subject
101	1180/2011	Sunkon Energy Pvt. Ltd. v/s GUVNL, GEDA, EPD, G'nagar	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
102	1182/2011	S.J.Green Park Energy Pvt. Ltd. v/s GUVNL, GEDA, EPD, G'nagar	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
103	1183/2011	PLG Photovoltaic Ltd. v/s GUVNL, GEDA, EPD, G'nagar	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
104	1184/2012	GSECL v/s UGVCL	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
105	1185/2012	GSECL v/s UGVCL	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
106	1186/2012	Lanco Infratech Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
107	1187/2012	Moser Baer Energy & Development Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff order No. 2 of 2010 dated 29-1-2010
108	1188/2012	Solar Semiconductor Power Co. Pvt. Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
109	1189/2012	Sun Clean Renewable Power Pvt. Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
110	1190/2012	Toss Financial Services Pvt. Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010
111	1191/2012	AES Solar Energy Guj. Pvt. Ltd. v/s EPD, GUVNL and GEDA	Petition for extension of control period of Solar Tariff Order No. 2 of 2010 dated 29-1-2010

## ANNEXURE 4

## Details of the Misc. Applications disposed off during the year 2011-12

Sr. No.	Misc. Application No.	Filled By	Subject
1	15/2012	Saurashtra Cement Ltd. v/s GETCO, MGVCL, DGVCL, UGVCL & PGVCL	Levy of Parallel Operation Charges for the captive power plants running in parallel with the grid of Gujarat Energy Transmission Company Ltd. and Distribution Companies Grid.





**ANNEXURE 5**  
**Details of Regulations/Orders Notified by the Commission**

Sr No	Name of Regulation	Notification Number	Date of Notification
1	Staff Service Regulation	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	03 of 2004	25/08/2004
4	Establishment of Forum for Redressal of Grievances of Consumers	04 of 2004	25/08/2004
5	Grid Code	05 of 2004	25/08/2004
6	Distribution Code	06 of 2004	25/08/2004
7	Procedure for filing Appeal before the Appellate Authority Regulations	01 of 2005	07/01/2005
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
12	Fees, Fines and Charges Regulations	06 of 2005	30/03/2005
13	Power System Management Standards	07 of 2005	30/03/2005
14	Security Deposit Regulations	08 of 2005	31/03/2005
15	Licensee's Power to recover expenditure incurred in providing supply and miscellaneous charges	09 of 2005	31/03/2005
16	Standard of Performance of Distribution Licensee	10 of 2005	31/03/2005
17	Electricity Supply code and related matters	11 of 2005	31/03/2005
18	Terms and Conditions of Tariff (repealed)	12 of 2005	31/03/2005
19	Open Access	12 of 2005	29/10/2005
20	Appointment of Consultant	14 of 2005	29/10/2005
21	Power Procurement from Co-generation and Renewable sources by Distribution Licensee	15 of 2005	29/10/2005
22	Electricity Supply Code and Related Matters (First Amendment)	11 of 2005	14/12/2005
23	Electricity Supply Code and Related Matters (Second Amendment)	GERC/Tech-II/2097/2006	25/09/2006
24	Distribution Code (First Amendment)	GERC/Tech-I/2296/2006	26/10/2006
25	Multi year tariff regulation 2007 (repealed)	1 of 2007	30/11/2007
26	Fixing of Trading Margin	1 of 2010	16/02/2010

Sr No	Name of Regulation	Notification Number	Date of Notification
27	Licensee's Power to Recover Expenditure incurred in providing Supply and other Miscellaneous Charges (Amendment)	2 of 2010	05/03/2010
28	Power procurement from renewable sources	3 of 2010	17/04/2010
29	Designating State Nodal Agency for REC	4 of 2010	16/07/2010
30	Multi Year Tariff Regulations 2011	1 of 2011	22/03/2011
31	Recruitment and Service Conditions of Secretary and Staff	2059/2011	28/11/2011
32	Consumer Grievances Redressal Forum and Ombudsman Regulations, 2011	02 of 2011	07/04/2011
33	Terms and Condition of Intra-State Open Access	03 of 2011	01/06/2011
34	Fixing of Trading Margin (First Amendment)	04 of 2011	09/12/2011





## ANNEXURE 6

## Details of locations of Consumer Grievances Redressal Forums

DGVCL FORUM	Convener, CGRF, DGVCL, Nana Varacha Road, Kapodara, SURAT – 395 006. (T) 0261 - 2804235
MGVCL FORUM	Convener, MGVCL Forum, Madhya Gujarat Vij Co. Ltd., Corporate Office, Sardar Patel Vidyut Bhavan, Race Course, VADODARA – 390 007. (T) 0265 - 2357217
PGVCL - Rajkot Forum	Convener, CGRF, PGVCL, Registered & Corporate Office, Nana Mava Main Road, Laxminagar, RAJKOT – 360 004. (T) 0281- 2380425/27
PGVCL - Bhavnagar Forum	Convener, CGRF, PGVCL Zonal Office, Old Power House Compound, Chavadi Gate, Bhavnagar - 364002. (T) 0278 - 2521760/61/62
PGVCL - Bhuj Forum	Convener, CGRF, PGVCL, Power House Compound, Hospital Road, BHUJ - KUTCH- 370 001. T) 02832 – 223032
UGVCL FORUM	Convener, UGVCL Forum, Registered & Corporate Office, Visnagar Road, MEHSANA – 384 001. (T) 02762 222080/81
TPL Redressal Forum, Ahmedabad	Convener, TPL Ahmedabad Forum, Jubilee House, 2nd Floor, Shahpur, Ahmedabad - 380 001. (T) 079 25502881 - Extn-5290
TPL, Redressal Forum, SURAT	Convener Redressal Forum, Torrent Power Limited, Torrent House, First Floor, Station Road, Surat – 395003 (T) 0261 2428281, 2413014 – 19 Ext: 5026
Ombudsman	Office of the Ombudsman Barrack no. 3, Polytechnic Compound, Ambawadi, Ahmedabad - 380009. 079 - 26302689

## ANNEXURE-7

## Performance of the Consumer Grievances Redressal Forums (CGRF) during the year 2011-2012

Name of the Forum	No. of grievances at the beginning of year	No. of grievances received during the year	No. of grievances disposed during the year	No. of grievances pending at the year-end	No. of CGRF(s) sitting during the year
UGVCL	11	284	269	26	29
MGVCL	10	235	224	21	41
DGVCL	6	122	127	1	29
PGVCL (Bhuj)	0	25	24	1	16
PGVCL (Bhavnagar)	23	158	156	25	30
PGVCL (Rajkot)	7	462	460	9	37
TPL (Ahmedabad)	4	87	79	12	54
TPL (Surat)	5	10	15	0	31







## ANNEXURE 8

## Types of complaints received at Ombudsman's office during 2011-12

Sr. No	Type of Complaint	No
1.	New agriculture connections	16
2.	Extension of load of agriculture connections	1
3.	PDC RC of agriculture connections	3
4.	Shifting of agriculture place before release of connection	1
5.	Shifting of agriculture connections	3
6.	New lighting connections	1
7.	Release of LT industrial connections	1
8.	Delay in release of connections	2
9.	Release of HT connections & billing	1
10.	Final bill of HT consumers	4
11.	Delay in issue of bill & payment	1
12.	Tariff related	6
13.	Estimate related	15
14.	Billing related	21
15.	Refund of development charges	1
16.	Meter accuracy related	5
17.	Mutually settled/withdrawn	1
18.	New HT connections for construction work	1
19.	Meter testing by third party	2
20.	Centralized payment system	1
21.	Temporary connections & refund of amount	1
22.	Recovery of dues for want of connection	3
23.	Reconnections	16
24.	Refund of line shifting charge	1
25.	Disconnecting of unauthorized connections	2
	<b>Total</b>	<b>110</b>

## ANNEXURE 9

## Details of appeals disposed of by Electricity Ombudsman during the year 2011-2012

Sr No	Name of consumer forum	No. of appeals disposed of during 2011-2012	No. of appeals pending at the end of year
1	PGVCL, Bhavnagar	25	4
2	PGVCL, Rajkot	19	2
3	PGVCL, Bhuj	3	0
4	MGVCL, Vadodara	9	3
5	DGVCL, Surat	25	5
6	UGVCL, Mehsana	20	7
7	TPL, A'bad	2	0
8	TPL, Surat	3	0
	<b>TOTAL</b>	<b>106</b>	<b>21</b>





**ANNEXURE 10**  
**Constitution of the State Advisory Committee**

1	Dr. P. K. Mishra Chairman Gujarat Electricity Regulatory Commission 1st Floor, Neptune Tower, Ashram Road, Ahmedabad.	Chairman
2	Mr. Pravinbhai Patel Member (Technical) Gujarat Electricity Regulatory Commission 1st Floor, Neptune Tower, Ashram Road, Ahmedabad.	Member
3	Dr. M. K. Iyer Member (Finance) Gujarat Electricity Regulatory Commission 1st Floor, Neptune Tower, Ashram Road, Ahmedabad.	Member
4	Dr. Ketan Shukla Secretary, Gujarat Electricity Regulatory Commission, Ahmedabad.	Secretary to the Committee
5	Mr. D. J. Pandian Principal Secretary Energy & Petrochemicals Department Block No.5 Sardar Bhavan, Sachivalaya, Gandhinagar.	Member
6	Mr. Rajkumar Principal Secretary, Food & Civil Supply & Consumer Affairs Department Sachivalaya, Gandhinagar.	Member
7	President, Gujarat Chamber of Commerce & Industry, Shree Ambica Mill, Gujarat Chamber Building, Nr. Natraj Cinema, Ashram Road, Ahmedabad.	Member
8	Chairman, Gujarat Council Confederation of Indian Industries, CII House, Gulbai Tekra Road, Near Panchvati, Ahmedabad.	Member
9	President, Rajkot Engineering Industries Association, Bhaktinagar Industrial Estate, Rajkot.	Member
10	President, Southern Gujarat Chamber of Commerce & Industry Samruddhi", 4th Floor, Near Makkai Pool, Nanpura, Surat.	Member

11	Chief Electrical Engineer Western Railway, Station Building, Church Gate, Mumbai-400020.	Member
12	President, Bhartiya Kisan Sangh, Sector-12, Balram Mandir Parisar, Gandhinagar.	Member
13	President, Gujarat Khedut Samaj, C/O Bhavanagar Jilla Khedut Samaj, Sardar Smruti, Crescent Chowk, Bhavnagar.	Member
14	Executive Director, Consumer Education and Research Society, Suraksha Sankool, Thaltej, Ahmedabad-380054.	Member
15	Ms. Ila Bhatt, Self Employed Women Association Opp: Victoria Garden, Lal Darwaja, Ahmedabad.	Member
16	Mr. N. Dinkar, 107, Mukti Nagar, Near Basil School, Tandalja Road, Vadodara.	Member
17	Representative, Indian Institute of Management, Vastrapur, Ahmedabad.	Member
18	Representative, Institute of Rural Management Anand Gujarat Agri. University Campus, Anand- 388001.	Member
19	Director, Electrical Research and Development Assn., P. B. No. 760, ERDA Road, Makarpura Industrial Estate, Vadodara-390010.	Member
20	Dr. Omkar Jani, Solar Energy Division, Gujarat Energy Research and Management Institute, 303-304, 3rd Floor, IT Tower-1, Infocity, Gandhinagar.	Member