



20th Annual Report

Financial Year : 2018-19



Gujarat Electricity Regulatory Commission

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Financial Year - 2018-19



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Gujarat Electricity Regulatory Commission



20th The Commission Presents the
Annual Report for FY 2018-19, as
required under Section 105 of the Electricity Act, 2003

Roopwant Singh, IAS

Secretary

Gujarat Electricity Regulatory Commission



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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	Institute of Rural Electrification
CPP	Captive Power Plant
DGVCL	Dakshin Gujarat Vij Company Ltd
DSM	Demand Side Management
EI	Electrical Inspector
ESCI	Engineering Staff College of India
FOIR	Forum of Indian RegulatorsForum
FOR	Forum of Regulators
FPPPA	Fuel and Power Purchase Price Adjustment
FSA	Fuel Supply Agreement
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
KPT	Kandla Port Trust
MGVCL	Madhya Gujarat Vij Company Ltd
MUPL	MPSEZ Utilities Pvt. Ltd.
MTR	Mid-Term Review
NTCT	Night Time Concessional Tariff
PDCRC	Permanent Disconnection Consumer Reconnection Charge
PGVCL	Pashchim Gujarat Vij Company Ltd.
POC	Parallel Operation Charges
PPA	Power Purchase Agreement
SSNNL	Sardar Sarovar Narmada Nigam Limited
SAFIR	South Asia Forum for Infrastructure in Regulat
SLDC	State Load Dispatch Centre
TPL	Torrent Power Limited
TEL	Torrent Energy Limited
TOU	Time of Use
TOD	Time of Day
UGVCL	Uttar Gujarat Vij Company Ltd



FROM THE DESK OF THE CHAIRMAN

With its progressive and forward-looking approach, the Gujarat Electricity Regulatory Commission has been playing an important role in transforming the Gujarat power sector in terms of creating adequate generation capacity, promoting green energy, making the sector financially sound and sustainable with robust organizational structure of utilities & protecting consumer's interest. Gujarat is blessed with immense potential of renewable energy generation as it has longest coastal line for wind generation, passing of Tropic of Cancer provides good level of solar radiation and scope for development of off-shore wind projects. The Commission always endeavor to encourage renewable energy so as to achieve National target to Greening the energy mix.

This year was significant for the Commission from many perspectives, as the Commission took several initiatives to give regulatory certainty and consistency to all stakeholders by notifying important Regulations like Forecasting & Scheduling of wind and solar generation which help to optimize the integration of RE Generation and safe, secure and integrated operation of power system. The Commission had also amended the important regulations like RPO Regulations to align the target set by MoP for generation from wind, Solar and other source of RE Generation up to FY 2021-22 and Multi-Year Tariff Regulations based on the experience and detailed analysis, interaction and consultation with utilities and consumers. For introduction of competition in electricity distribution, the Commission has issued license for distribution activities for Dholera SIR (Special Investment Region) area. To reap the benefits of the modern technologies, the Commission is consistently encouraging the utilities to undertake activities in the fields of Smart Grid, Smart Meters and Demand Side Management.

As a proactive initiative to facilitate growth of renewable energy sector and its effective and balanced integration with the grid, the Commission approved the rate of electricity generated by wind and solar generators discovered through bidding process by licensees to meet their RPO requirement at a very attractive rate. The Commission had approved pilot project for Grid connected Solar pump for agriculture purpose (SKY- Suryashakti Kisan Yojana) to facilitate farmers with day time power supply and sale of surplus generation which help to improve their life style and also enhance their income and being distributed generation located generally far from the source it will improve the voltage profile and reduce the T&D losses.

GERC is one of the few Commissions in the country who has been issuing regular and timely tariff orders enabling the Utilities to make them financially sound and sustainable. The Commission has initiated third party comprehensive audit of Utilities for MYT Control period (FY 2011-12 to FY 2015-16) so as to ensure optimum and efficient utilization of resources. The Commission has accorded consent to bidding process initiated by State owned Discoms under



Case-4, bidding guideline issued by MoP so as to get optimum price of coal. All these steps, making the Power Utilities financially sound and enabling them to invest in new assets and strengthening existing infrastructure to provide consistent & quality power to their consumers. Due to regular reviewing exercise by the Commission, the AT&C losses of the distribution companies in the State have been amongst the lowest in the country and the State owned DISCOMs have been consistently rated as “A+” by the Ministry of Power.

The Commission monitors the performance of Discoms regularly to assess the quality of power and services offered to consumers. As suggested by the Commission “Consumer Satisfaction Survey” was carried out through independent agency. Safety being a paramount concern of the Commission, it was kept as an important agenda item during the meetings of State Advisory Committee & State Co-Ordination Committee. To reduce and mitigate electrical accident the Commission has suggested the utilities to create public awareness on safety measures and adoption of better technology. In addition, the Commission advised Chief Electrical Inspector to carry out sample checks of earthing arrangement at consumer premises as well as in the Distribution System and also check maintenance work done by licensees in order to minimize the accidents.

Consumer's interest being a prime concern for the Commission, its officers visited all distribution licensees to evaluate services rendered by them to consumers relating to billing, infrastructure provided to CGRF including manpower & working of reliability indices. It is felt that there is need of strengthening CGRF to redress the consumer's grievances and enhance the level of consumer satisfaction. To meet this objective, the Commission has recently increased the number of CGRF and a separate bench of Ombudsman in the state so that consumers need not to travel more than 100 k.m to get redressal of their grievances in the State. GERC has taken all necessary steps to redress the grievances of electricity consumers through independent Ombudsman and Consumer Redressal Forums in a timely manner. To create a healthy and conducive atmosphere in electricity sector, the Commission follows the consultative process on various issues by frequent interactions with the representatives of consumer organizations, industry associations, individuals representing different classes, sector...

experts and utilities through meetings of the State Advisory Committee and Coordination Forum from time to time. In order to make consumers aware of their rights and duties, the Commission started regular campaigning through advertisement in a easy to understand format in print media.

With an aim to enhance the efficiency, professionalism and to acquaint with various new and emerging issues in electricity sector, the officers and staff of the Commission are being sent



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continuously to attend training & workshops. In the same manner, the Commission also encourages utilities to impart capacity building and skill development Programme for its staff.

I am confident that the Electricity Sector in the State of Gujarat will keep growing and shining and serve its consumers with quality, safe and reliable power. With this note, I present the 20th Annual Report of the Commission for FY 2018-19.

Sd/-
Anand Kumar
Chairman

Annual Report : 2018-19



ACTIVITY HIGHLIGHTS OF 2018-19

Determination of Tariff:

True up for FY 2017-18 and determination of tariff for FY 2019-20

During the year, the Commission issued Tariff Orders comprising of truing up for FY 2017-18 and determination of tariff for FY 2019-20 for 12 utilities operating in the State;

Disposal of Petitions& Misc. Applications: -

The Commission has disposed of 50 petitions including 1 License Application during the Financial Year 2018-19. Total 148 Nos. of Petitions, 1 Appeal and 1 License Application were pending as on 31/03/2019. Also, out of 2 Petitions License Applications, 1 Application was disposed of and 1 was pending as on 31/03/2019.

Meetings: -

State Advisory Committee	25 th Meeting on 10 TH July, 2018 at GIFT City, Gandhinagar
State Co- Ordination Form	20 th Meeting on 11 TH July, 2018 at GIFT City, Gandhinagar
Meeting on CGRFs	23 rd Meeting on 7 TH June, 2018 at GIFT City, Gandhinagar

Regulations :-

1. During the year FY 2018-19, the Commission issued - (Procurement of Energy from Renewable Sources) (Second Amendment) Regulations, 2018. Notification No. 1 of 2018.
2. During the year FY 2018-19, the Commission issued - (Multi-Year Tariff) (Second Amendment) Regulations, 2018. Notification No. 2 of 2018.
3. During the year FY 2018-19, the Commission issued - Forecasting, Scheduling, Deviation Settlement and Related Matters of Solar and Wind Generations Sources) Regulation, 2019. Notification No. 1 of 2019.



1. ORGANIZATIONAL SET-UP OF THE COMMISSION

1.1 THE COMMISSION

Shri Anand Kumar, Chairman, GERC, Shri K. M. Shringarpure and Shri P. J. Thakkar rendered their services as Members of GERC. Shri Roopwant Singh, (IAS) is a Secretary of the Commission during the year.

OFFICE OF THE COMMISSION

1.2 INFRASTRUCTURE

Office Building:

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

Local Area Network (LAN) and Website Hosting:

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

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

1.3 COMMISSION STAFF

The staff of the Commission is appointed through direct recruitment, contract or on deputation basis. **Annexure 1** shows the staff position in the Commission while **Annexure 2** shows the organizational chart.



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The details of officers and staff of the Commission (as on 31st March, 2019) are given below: -

Sr.No.	Name of the employee	Designation
1	Shri Roopwant Singh, IAS	Secretary
2	Shri S. R. Pandey	Legal Advisor
3	Shri D. R. Parmar	Director (Admin & Accounts)
4	Shri S.T. Anada	Joint Director (Technical-1)
5	Shri M. R. Jhala	Joint Director (Technical-2)
6	Shri P. J. Jani	Deputy Director (Legal)
7	Shri Kanti J. Bhuvra	Deputy Director (Tech)
8	Shri Apurva Adhwaryu	Deputy Director (Tariff)
9	Shri Hemang Joshi	Accounts Officer
10	Shri Jignesh Makwana	IT Manager
11	Shri Abhishek Makwana	Assistant Director
12	Shri Santosh Kumar Asipu	Assistant Director
13	Shri RG Pillai	PA to Chairman
14	Shri PR Sasi	PA to Member
15	Smt. Parul Christian	PA to Member
16	Shri P.S. Mistri	Personal Assistant
17	Shri Umesh A. Gor	Executive
18	Shri Wasim Akhtar Ansari	Executive
19	Shri Ruchik Sola	Executive
20	Shri Ketan Thanki	Executive
21	Shri Bakul J. Thakar	Executive
22	Smt. Hetal Ketan Thanki	Receptionist-Cum-Clerk

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



2. ROLE OF THE COMMISSION

2.1 THE MANDATE

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

2.2 THE FUNCTIONS

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

- a) Determining the tariff for generation, supply, transmission, distribution and wheeling of electricity, wholesale, bulk or retail, as the case may be, within the state; provided that Where open access has been permitted to a category of consumers under section 42, the State Commission determines only the wheeling charge and surcharge thereon, if any, for the said category of consumers;
- b) Regulating the electricity purchase and procurement process of distribution licensees, including the price at which electricity is to be procured from the generating companies or licensees or other sources, through agreements for purchase of power for distribution and supply within the state;
- c) Facilitating intra-state transmission and wheeling of electricity;
- d) Issuing licenses to persons seeking to act as transmission licensees, distribution licensees and electricity traders; with respect to their operations within the state;



- e) Promoting cogeneration and generation of electricity from renewable sources of energy by providing suitable measures for connectivity with the grid and sale of electricity to any person, and also specifying, for purchase of electricity from such sources, a percentage of the total consumption of electricity in the area of a distribution licence;
- f) Adjudicating upon disputes between licensees and generating companies and to refer any dispute for arbitration;
- g) Levying fee for the purposes of the Act;
- h) Specifying state grid code, consistent with the grid code specified by the Central Electricity Regulatory Commission under clause (h), sub-section (1) of section 79 of the Act;
- i) Specifying or enforcing standards with respect to quality, continuity and reliability of service by licensees;
- j) Fixing the trading margin in the intra-state trading of electricity, if considered, necessary;
- k) Discharging other such functions as may be assigned to it under the Act;

2.3 Regulations

The Commission has so far issued 43 regulations /notifications/orders by publishing new ones or superseding old ones or making amendments as detailed in **Annexure -4**.



3. ACTIVITIES DURING THE FINANCIAL YEAR 2018-19

3.1 Determination of Tariff

During the year, the Commission issued Tariff Orders, comprising truing up for FY 2016-17 and determination of tariff for FY 2018-19 as per the GERC (MYT) Regulations, 2016 for the below listed utilities operating in the state:

- a. Torrent Power Ltd. (TPL-D)- A Non-Government distribution utility for Dahej SEZ area,
- b. MPSEZ Utilities Private Limited (MUPL) - A Non-Government distribution utility for Mundra SEZ area
- c. ASPEN infrastructure Limited [AIL] (erstwhile Synfra Engineering and Construction Ltd.) – A Non-Government distribution utility for Vaghodia SEZ area near Vadodara,
- d. GIFT Power Company Ltd. (GIFT PCL) – a Non-Government distribution licensee for the supply of electricity in the GIFT City area, Gandhinagar.

Further, during the year, various utilities in the state of Gujarat filed their petitions before the Commission, comprising truing up for FY 2017-18, Mid-Term review of ARR for FY 2019-20 & FY 2020-21 and determination of tariff for FY 2019-20 as follows;

- a. Gujarat State Electricity Corporation Ltd. (GSECL)- The State Generating Company
- b. Gujarat Energy Transmission Corporation Ltd. (GETCO)- The State Transmission Company
- c. State Load Dispatch Centre (SLDC)
- d. Dakshin Gujarat Vij Company Ltd (DGVCL)– The State-owned Distribution Company for South Gujarat,
- e. Madhya Gujarat Vij Company Ltd (MGVCL)– The State-owned Distribution Company for Central Gujarat,
- f. Paschim Gujarat Vij Company Ltd (PGVCL)– The State-owned Distribution Company for Western Gujarat,
- g. Uttar Gujarat Vij Company Ltd (UGVCL) – The State-owned Distribution Company for North Gujarat,



- h. Torrent Power Ltd. (TPL-G) – A Non-Government Generation utility,
- l. Torrent Power Ltd. (TPL-A)- A Non-Government distribution utility for Ahmedabad & Gandhinagar supply area,
- j. Torrent Power Ltd. (TPL-S)- A Non-Government distribution utility for Surat supply area.
- k. Torrent Power Ltd. (TPL-D)- A Non-Government distribution utility for Dahej SEZ area, l. MPSEZ Utilities Private Limited (MUPL) - owned distribution utility for Mundra SEZ area
- m. Aspen Park Infra Vadodara Pvt. Ltd. [AIL] (erstwhile Martillo Wind Energy Pvt. Ltd.) – A Non-Government distribution utility for Vaghodia SEZ area near Vadodara,
- n. GIFT Power Company Ltd. (GIFT PCL) – a Non-Government distribution licensee for the supply of electricity in the GIFT City area, Gandhinagar.

Some of the important aspects of the proceedings in the aforementioned Tariff Orders are shown in the below table:

Truing up for FY 2016-17 and Determination of tariff for FY 2018-19

Name of Utility	Filing Date	Date of Registration & Case No.	Suggestions/Objection from number of stake holders	Public hearing date	Issuance of tariff order
TPL-D (D)	30.12.2017	03.01.2018 & 1698/2018	1	15.02.2018 & 26.02.2018	04.04.2018
MUPL	15.12.2017	19.12.2017 & 1694/2017	2	06.02.2018	05.04.2018
AIL	31.01.2018	07.03.2018 & 1708/2018	--	--	08.08.2018
GIFT PCL	06.03.2018	14.03.2018 & 1710/2018	--	--	03.12.2018



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Truing up for FY 2017-18, Mid-Term Review of ARR for FY 2019-20 & FY 2020-21 and Determination of tariff for FY 2019-20

Name of Utility	Filing Date	Date of Registration & Case No.	Suggestions/Objection from number of stake holders	Public hearing date	Issuance of tariff order
GSECL	29.11.2018	04.12.2018 & 1756/2018	6	06.02.2019	24.04.2019
GETCO	29.11.2018	04.12.2018 & 1757/2018	4	06.02.2019	24.04.2019
SLDC	30.11.2018	04.12.2018 & 1758/2018	2	06.02.2019	24.04.2019
Name of Utility	Filing Date	Date of Registration & Case No.	Suggestions/Objection from number of stake holders	Public hearing date	Issuance of tariff order
DGVCL	30.11.2018	04.12.2018 & 1760/2018	18	07.02.2019	24.04.2019
MGVCL	30.11.2018	04.12.2018 & 1761/2018	16	07.02.2019	24.04.2019
PGVCL	30.11.2018	04.12.2018 & 1762/2018	21	07.02.2019	24.04.2019
UGVCL	30.11.2018	04.12.2018 & 1759/2018	16	07.02.2019	24.04.2019
TPL-G (APP)	30.11.2018	04.12.2018 & 1763/2018	7	05.02.2019	24.04.2019
TPL-D (A)	30.11.2018	04.12.2018 & 1764/2018	16	05.02.2019	24.04.2019
TPL-D (S)	30.11.2018	04.12.2018 & 1765/2018	16	05.02.2019	24.04.2019
TPL-D (D)	30.11.2018	04.12.2018 & 1766/2018	16	05.02.2019	
MUPL	15.12.2018	27.12.2018 & 1772/2018			
GIFT PCL	31.12.2018	07.01.2019 & 1777/2019			
AIL	04.01.2019	11.01.2019 & 1778/2019			

The highlights of the Tariff Orders are detailed below:



Truing up for FY 2016-17 and Determination of tariff for FY 2018-19

(a) Torrent Power Ltd.- Dahej

Performance of TPL-Dahej during FY 2016-17

Approved vis-à-vis Actual Distribution Losses of TPL-Dahej for FY 2016-17 is shown in the Table below:

Distribution Losses: For FY 2016-17 (in %)

Particular	Approved in the MYT Order	Actual Losses approved in Truing up
TPL-Dahej	2.00	0.53

It was observed that distribution losses in the areas of TPL-Dahej was reduced than that approved by the Commission in the MYT order dated 09th June, 2017.

Truing up for FY 2016-17:

While truing up for FY 2016-17, the various components of ARR were compared with the approved figures as per the MYT order dated 9th June, 2017. The Commission computed the gains and losses for FY 2016-17 based on truing up for each of the components. The revised ARR approved in true up of FY 2016-17 and ARR approved in the MYT order dated 09th June, 2017 is shown in the Table below:

Aggregate Rev. Requirement Approved for FY 2016-17 (Rs. Crore)

Particular	Approved in the MYT Order	approved in Truing up
TPL-Dahej	105.57	102.36

The revenue gap/(surplus) for FY 2016-17 (Rs. Crore) is shown in the Table below:

Approved Revenue Gap/(Surplus) for FY 2016-17 (Rs. Crore)

Particular	Revenue gap/(surplus)
TPL-Dahej	(7.08)

The Commission addressed this revenue surplus in determining the tariff of FY 2018-19 for TPL-Dahej.



Determination of tariff for FY 2018-19

The Commission approved ARR of FY 2018-19 for AIL in the MYT order dated 30th June, 2017, which is shown in the below table:

Approved ARR for FY 2018-19 (Rs. Lakh)

Particular	FY 2018-19
TPL-Dahej	161.53

For the sales revenue calculations, the Commission not to make any changes in the existing tariff rates. This left a gap of Rs. 10.67 Crore which shall be addressed at the time of truing up.

(b) MPSEZ Utilities Pvt. Ltd. (MUPL)

Performance of MUPL during FY 2016-17

MUPL reported distribution losses of 3.81 % in FY 2016-17 against 4.00% approved in the MYT Order.

Truing up for FY 2016-17

While truing up for the FY 2016-17, the various components of ARR were compared with the approved figures as per the MYT order for FY 2016-17. The Commission computed the gains and losses for FY 2016-17 based on Truing up for each of the components. Revised ARR approved by the Commission after true-up and ARR approved in the MYT order for MUPL is shown in the Table below:

Aggregate Rev. Requirement Approved for FY 2016-17 (Rs. Crore)

Particular	Approved in the MYT Order	approved in Truing up
MUPL	136.26	129.55

The Commission approved the trued-up gap of FY 2016-17 as Rs. 8.67 Crore against Rs. 7.65 Crore gap claimed by MUPL. This trued up gap was considered by the Commission for determination of tariff for FY 2018-19.

Determination of tariff for FY 2018-19

The Commission approved ARR of FY 2018-19 for MUPL in the MYT order dated 31st March, 2017, which is shown in the below table:



Approved ARR for FY 2018-19 (Rs. Crore)

Particular	FY 2018-19
MUPL	253.45

For the sales revenue calculations, the Commission proposed to introduce two new tariff categories. This left a surplus of Rs. 17.97 Crore which shall be addressed at the time of truing up.

(c) ASPEN Infrastructure Limited (AIL)

ASPEN Infrastructure Ltd. has developed a sector specific SEZ for High-tech Engineering products and related services at village Alwa at Pipaliya, Taluka Waghodia, District- Vadodara.

Performance of AIL during FY 2016-17

AIL reported distribution losses of 2.30% in FY 2016-17 against 2.47% losses approved in the MYT Order.

Truing up for FY 2016-17:

While truing up for the FY 2016-17, the various components of ARR were compared with the approved figures as per the MYT order for FY 2016-17. The Commission computed the gains and losses for FY 2016-17 based on Truing up for each of the components. Revised ARR approved by the Commission after true-up and ARR approved in the MYT order for AIL is shown in the Table below:

Aggregate Revenue Requirement Approved for FY 2016-17 (Rs. Lakh)

Particular	Approved in the MYT Order	approved in Truing up
AIL	768.43	775.46

The revenue gap/(surplus) for FY 2016-17 (Rs. Lakh) is shown in the Table below:

Approved Revenue Gap/(Surplus) for FY 2016-17 (Rs. Lakh)

Particular	Revenue gap/(surplus)
AIL	(2.46)

The Commission addressed this revenue Surplus in determining the tariff of FY 2018-19 for AIL.



Determination of tariff for FY 2018-19

The Commission approved ARR of FY 2018-19 for AIL in the MYT order dated 30th June, 2017, which is shown in the below table

Approved ARR for FY 2018-19 (Rs. Lakh)

Particular	FY 2018-19
AIL	832.76

The Commission decided to keep the tariff for retail sale of electricity for Aspen distribution area as per MGVCL tariff and this left a gap of Rs. 58.05 Lakh which shall be addressed at the time of truing up.

(d) GIFT Power Company Ltd. (GIFT PCL)

GIFT PCL had been applying for the exemption in filing of ARR and tariff petition to the Commission along with the request to adopt the UGVCL's tariff for retail supply in the GIFT City due to a small consumer base and underdevelopment of network infrastructure for the last three years. GIFT PCL for the first time had submitted its maiden tariff petition for determination of tariff for FY 2018-19.

Determination of tariff for FY 2018-19

The Commission approved the distribution losses of 5.50% for FY 2018-19.

The Commission approved ARR of FY 2018-19 for GIFT PCL in the tariff order dated 3rd December, 2018, which is shown in the below table:

Approved ARR for FY 2018-19 (Rs. Crore)

Particular	2018-19
GIFT PCL	27.59

The Commission decided to keep the tariff for retail sale of electricity for GIFT PCL distribution areas as per UGVCL tariff and this left a gap of Rs. 7.35 Crore which shall be addressed at the time of truing up.



Commission's directives to GIFT PCL

- GIFT PCL is directed to file a detailed Multi-Year Tariff application for the remaining years of the third Multi-Year control period.
- It is directed to submit separate Annual Accounts for distribution business in the GIFT City area every year, duly audited by Statutory Auditors for the annual tariff determination exercise.
- It is further directed to examine reasons for such high distribution losses and also get its distribution system studied so that appropriate loss reduction trajectory could be fixed.
- It is directed to create a five-year power purchase plan taking into account the sales envisaged and the various power sources available.

3.2. STATUS IN THE CONTEXT OF THE NATIONAL ELECTRICITY POLICY

3.2.1 Metering Plans: Metering of un-metered Agriculture Connections during FY 2018-19

The Gujarat Electricity Regulatory Commission has always emphasized on 100% metering and accordingly prioritized the metering of un-metered agriculture connection and issued directives in this regard to distribution utilities. The Gujarat Electricity Regulatory Commission quarterly monitors the progress of metering of un-metered agriculture connections. Information on number of un-metered agriculture connections metered during FY 2018-19 is as below:

DISCOM	Total no. Of Agriculture Connections at the Start of the year		Total No. of Metered Agriculture Connections at the start of the year		Total no. Of Un-metered Agriculture Connections at the Start of the year		No. Of Un-metered Connections Metered During the year		% of metered Agriculture Connections At the end of The year	
	FY 2017-18	FY 2018-19	FY 2017-18	FY 2018-19	FY 2017-18	FY 2018-19	FY 2017-18	FY 2018-19	FY 2017-18	FY 2018-19
DGVCL	154355	164992	109827	120808	44528	44184	344	369	73.12	74.93
MGVCL	143888	153653	117563	127508	26325	26145	51	130	82.87	84.26
PGVCL	768342	848258	579388	676888	188954	170366	17584	4022	79.80	82.42
UGVCL	332576	347698	178700	194938	153876	152679	1116	361	56.56	58.24

3.2.2 Implementation of HVDS, SCADA and 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 economic considerations.

Implementation on **SCADA** has been started by the Distribution Licensees. **HVDS** implementation has already been taken up by four State Owned Distribution Licensees and Torrent Power Limited for effective reduction in losses.



3.2.3 Norms for Standard of Performance

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

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

3.3 STATUS IN THE CONTEXT OF TARIFF POLICY

3.3.1 Return on Equity:

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

The Commission allowed 14% RoE for all the utilities in the State.

3.3.2 Depreciation Rates:

As per the Tariff Policy, the Central Commission notified the rate of depreciation which is also applicable to distribution with appropriate modifications. The Commission has considered the following depreciation rates while truing up of FY 2016-17.

3.3.3 FPPPA Charges:

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

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



Concept of recovery of Fuel and Power Purchase Adjustment (FPPPA) charges on quarterly basis is in place in the State for state owned DISCOMs since 2004 and for TPL since 2007. The Commission had approved a formula for calculation of FPPPA charges for State owned DISCOMs in its order dated 24th June, 2004 and for TPL vide Order 31st July, 2007. In the Case No. 1309/2013 and 1313/2013 dated 29th October, 2013 the Commission revisited and modified the FPPPA formula for GUVNL and TPL as the old formula was not adequate to address the variation in purchase of energy quantity from different sources. Due to this a huge amount was remaining unrecovered during the year and was reflecting as gap in the Truing up. Thus, to allow timely recovery of variation in power purchase cost, the Commission devised a more realistic FPPPA formula.

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

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

The FPPPA charges (Rs. /Unit) billed for the FY 2018-19 is shown in the below Table;

FY 2018-19	State Owned DISCOMS	TPL (Ahd. & Surat)	TPL-Dahej	MPSEZ
Apr.'18 to Jun.'18	1.63	1.76	0.25	0.10
Jul.'18 to Sept.'18	1.61	1.86	0.42	0.10
Oct.'18 to Dec.'18	1.71	2.09	0.73	0.10
Jan.'19 to Mar.'19	1.90	2.11	1.01	0.10

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



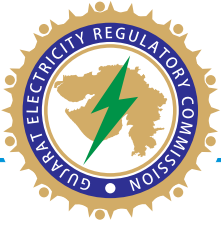
3.4 Disposal of Petitions and Appeals:

The Commission has disposed of 50 Nos. of Petitions including 1 License Application during the Financial Year 2018-19. Total 148 Nos. of Petitions, 1 Appeal and 1 License Application were pending as on 31.03.2019. Also, out of 2 pending License Applications, 1 Application was disposed of and 1 was pending as on 31.03.2019.

Particulars	Pending as on 1.04.2018	Received during the Year	Total	Disposed of during the Year	Pending as on 31.03.2019
Petitions	112	85*	197	49	148
Appeals	1	0	1	0	1
License Application	2	0	2	1	1
Total	115	85*	200	50	150

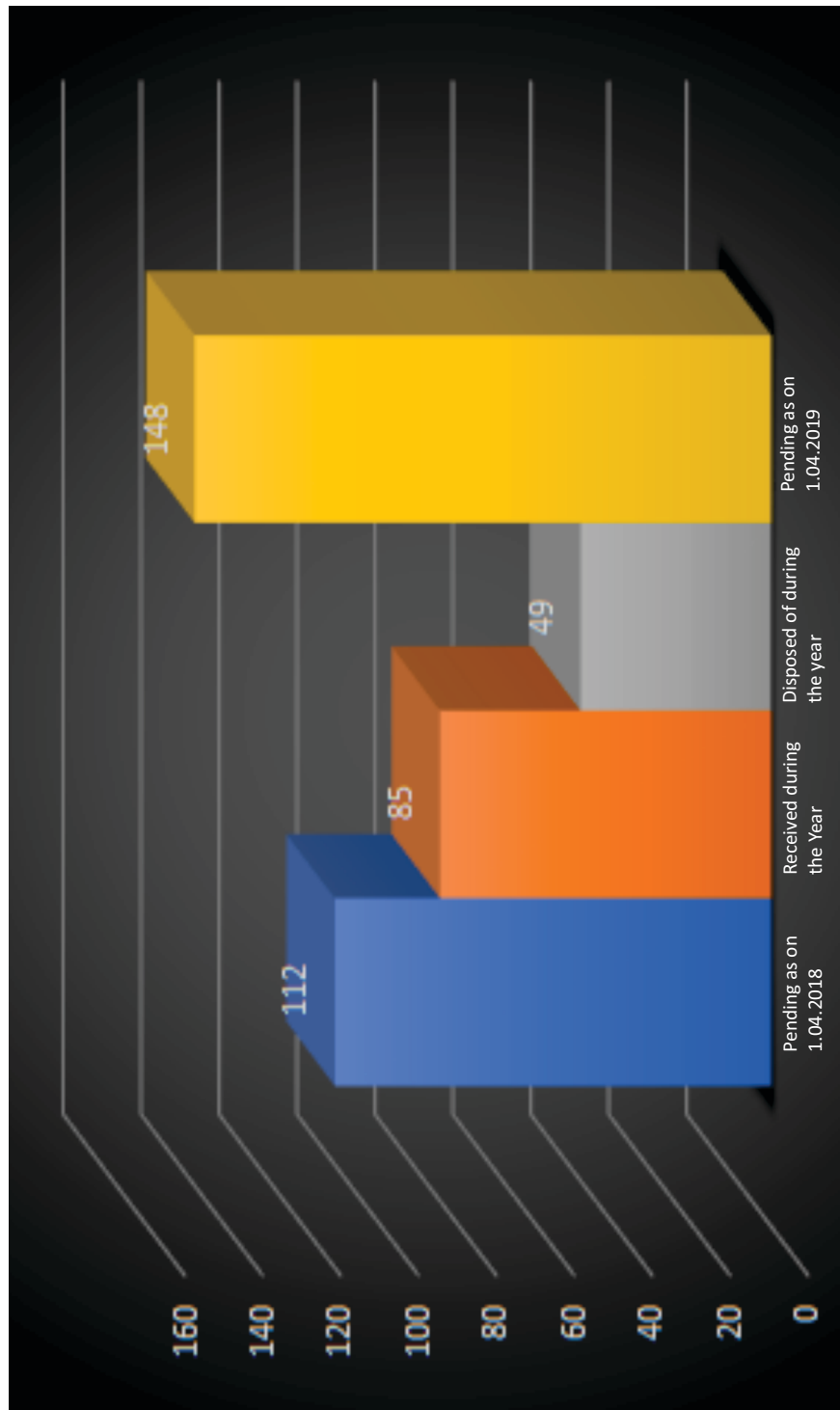
(* includes remand matters from the Hon'ble APTEL and Hon'ble Supreme Court)

The details of Petitions disposed of during the year 2018-19 are depicted in **Annexure-3**



Gujarat Electricity Regulatory Commission

Status of Petitions during FY 2018-19



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3.5 ADJUDICATION OF DISPUTES AND DIFFERENCES

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

3.5.1 Creating Awareness amongst Consumers about Grievance Redressal Mechanism

The GERC (Consumer Grievances Redressal Forums and Ombudsman) Regulations, 2011 mandates the licensee to upload the contact details of the CGRFs on its website along with the Orders issued by the Forum and the listing of dates for next hearings. In view of this the Commission directed the licensees to adhere to the Regulation and made these details available on their website. Further, the licensees were directed to update the contact details of the CGRF and customer care on their website.

In order to create awareness among consumers of the electricity and stakeholders of the electricity sector regarding grievances handling mechanism and performance standards of the electricity distribution licensees, an agency was engaged to assist the Commission in designing and implementing various actions for creating awareness.

Subsequently, two advertisements related to major type of complaints of electricity consumers and its provisions in Standard of Performance were created. During the awareness campaign these advertisements were published in various areas of the Gujarat State in different Gujarati newspapers on different dates during the month of February and March.

3.5.2 Review Meeting with Members of CGRFs and the Electricity Ombudsman

The Commission has always emphasized on consumer services and has found it necessary to have periodic interactions with Members of the Consumer Grievances Redressal Forums established by Distribution Utilities in accordance with provisions of the Electricity Act, 2003 and GERC (Consumer Grievances Redressal Forum and Ombudsman) Regulations, 2011. Accordingly, a meeting with Members of the Consumer Grievances Redressal Forums of Distribution Utilities and the Electricity Ombudsman was conducted on 07.06.2018 at the office of the Commission. Inputs were advised from the Members of CGRFs to have proper coordination between CGRFs and Distribution Utilities. Timely implementation of orders of CGRFs was also deliberated in detail.

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

3.5.3 Appointments of Members of CGRFs

The GERC (Consumer Grievances Redressal Forums and Ombudsman) Regulations, 2011 mandates the Commission to appoint Independent Members of CGRFs having criteria depicted in the said Regulations. Accordingly, appointments of Independent Members of Consumers Grievances



Redressal Forums of MGVCL Vadodara, UGVCL Mehsana, DGVCL Surat, TPL Ahmedabad and TPL Surat were carried out while tenure of Independent Members of Consumer Grievances of Redressal Forums at Bhuj and Rajkot were extended up to two years.

3.6 State Advisory Committee

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

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

During the Year 2018-19, the Committee meeting held on 25th Meeting on 10th July, 2018 at GIFT City, Gandhinagar.

3.7 TRAINING PROGRAMME

Total 12Nos of Training/workshops etc. attended by Staff Members of GERC during the Year 2018-19 (01.04.2018 to 31.03.2019):



3.8 FORUM OF REGULATORS (FOR)/FORUM OF INDIAN REGULATORS (FOIR) MEETING:

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

Sr. No.	Period	Details	Attended by
1.	09/04/2018	FOR Meeting at Delhi.	Shri Anand Kumar, Chairman
2.	17/05/2018	Launching of Centre for Energy Regulations at Delhi	Shri Anand Kumar, Chairman
3.	23/05/2018	Attended interaction meeting with Ministry of Power, Delhi	Shri Anand Kumar, Chairman
4.	24/05/2018	Conference organised by Indian Trade Organisation at Delhi	Shri Anand Kumar, Chairman
5.	06/07/2019	Attended round table conference organised by international institute of Strategic Studies at New Delhi.	Shri Anand Kumar, Chairman
6.	23/07/2018	FOR Sub-Group meeting on Power Quality at New Delhi.	Shri Anand Kumar, Chairman
7.	24/08/2018	FOR Meeting at Ranchi.	Shri Anand Kumar, Chairman
8.	20/09/2018	FOR Sub-Group meeting on North East Region.	Shri Anand Kumar, Chairman
9.	05/10/2018	Ministry of New and Renewable Energy Programme at Delhi.	Shri Anand Kumar, Chairman
10.	12/10/2018	FOR Working Group on Power Quality at Delhi.	Shri Anand Kumar, Chairman
11.	30/10/2018	Workshop on Future Electricity Market – FICCI.	Shri Anand Kumar, Chairman
12.	13/11/2018	FOR Meeting at Bhubaneshwar.	Shri Anand Kumar, Chairman



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Sr. No.	Period	Details	Attended by
13.	10/12/2018	USTDA workshop on storage of Electricity at Mumbai.	Shri Anand Kumar, Chairman
14.	28/01/2019	FOR Workshop at Vishakhapatnam.	Shri Anand Kumar, Chairman
15.	02/02/2019	Visit to Rajkot SKY Scheme and lift irrigation.	Shri Anand Kumar, Chairman
16.	04/02/2019	IEEMA seminar on Electricity Sector at Mumbai.	Shri Anand Kumar, Chairman
17.	25/02/2019	MNRE workshop on renewable energy at PDPU.	Shri Anand Kumar, Chairman
18	25/03/2019 to 28/03/2019	Florence, Italy to attend global forum organized by the Florence school of Regulation.	Shri Anand Kumar, Chairman
19	16/04/2018	19th Meeting of Technical Committee of Forum of Regulators scheduled at Shilong, Meghalaya	Shri KM Shringarpure, Member
20	18/04/2018	"Indian Power Sector" Supporting a Low Carbon Transition at Pune.	Shri KM Shringarpure, Member
21	10/05/2018	Invitation to the 24th Steering Committee Meeting of SAFIR to be held on 9th - 10th May, 2018 at Dhaka, Bangladesh	Shri KM Shringarpure, Member
22	24/05/2018 25/05/2018	CIGRE-AORC Technical Meeting 2018 International Conference Global Energy Transition-Issues and Challenges at Sikkim	Shri KM Shringarpure, Member
23	22/06/2018	19th Annual General Body Meeting (AGM) of Forum of Indian Regulators (FOIR) at New Delhi	Shri KM Shringarpure, Member

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Sr. No.	Period	Details	Attended by
24	29/08/2018 to 31/08/2018	The Regional Conference on Enhancing Energy Integration in South Asia” at Hotel Le Meriden, New Delhi	Shri KM Shringarpure, Member
25	10/10/2018	UPERC Conference-2018 “Creation of ECO System using Block Chain Technology for Renewable Energy Distributed Energy Generation & Supply” at Lucknow	Shri KM Shringarpure, Member
26	12/10/2018	1st meeting of FOR working Group for evolving of rates of depreciation for distribution assets, Return on Investment and Operating norms on Distribution Sector at New Delhi	Shri KM Shringarpure, Member
27	28/01/2019	2nd Executive Management Workshop for Regulators at Vizag.	Shri KM Shringarpure, Member
28	13/03/2019 to 15/03/2019	1st Global Regulatory Programme for Commissions of Electricity Regulatory Commission at Melbourne, Australia	Shri KM Shringarpure, Member
29	16/04/2018	19 th Meeting of the Technical Committee for Implementation of Framework on Renewables at the State Level at Shilong (Meghalaya)	Shri PJ Thakkar, Member
30	18/04/2018	One day program on “De-stressing Power Assets” at Delhi	Shri PJ Thakkar, Member
31	24/05/2018 to 25/05/2018	CIGRE-AORC Technical Meeting 2018 International Conference Global Energy Transition – Issues and challenges 2018 at Gangtok, Sikkim.	Shri PJ Thakkar, Member
32	12/06/2018	National Workshop on “Electricity Markets of the Future” organized by FICCI under the aegis of Ministry of Power, Government of India, at New Delhi	Shri PJ Thakkar, Member



Gujarat Electricity Regulatory Commission

33	22/06/2018	19th Annual General Body Meeting of FOIR at New Delhi	Shri PJ Thakkar, Member
34	06/07/2018	South Asian Regional Power Exchange (SARPEX) Final Workshop at New Delhi	Shri PJ Thakkar, Member
35	30/08/2018	Regional Conference on Enhancing Energy Integration in South Asia at New Delhi	Shri PJ Thakkar, Member
36	12/09/2018	Workshop on Ensuring sustainability of India's electricity sector through tariff reforms, industry involvement and innovative business models, organized by FICCI at Delhi	Shri PJ Thakkar, Member
37	10/10/2018	UPERC Conference 2018 "Creation of Eco System using Block Chain Technology for Renewable Energy Distributed Energy Generation & Supply" at Lucknow.	Shri PJ Thakkar, Member
38	30/10/2018	3rd National Workshop on "Electricity Markets of the future" conducted by FICCI at Federation House, New Delhi	Shri PJ Thakkar, Member
39	13/12/2019	Round Table on "Challenges in evidence-based policy making to translate policy intents to realities: The context of electricity regulation and development" at the NTPC School of Business, Noida	Shri PJ Thakkar, Member
40	28/01/2019	2nd Executive Management Workshop for Regulators organized by FOIR at Visag	Shri PJ Thakkar, Member
41	13/03/2019 to 15/03/2019	1st Global Perspective Program for Commissioners of Electricity Regulatory Commissions in Melbourne, Australia	Shri PJ Thakkar, Member



3.9. Important Orders/Regulations

3.9.1 Additional Surcharge:

The Commission vide its Order dated 12.03.2014 in Petition No. 1302/2013, filed by Gujarat Urja Vikas Nigam Limited and distribution licensees PGVCL, MGVL, DGVCL, UGVCL, decided the applicability as well as the methodology for calculation of Additional Surcharge.

Since then, the Commission carries out the exercise of determination of Additional Surcharge upon the data submitted by the licensee for half yearly control periods i.e. from 1st April to 30th September and 1st October to 31st March. For the control period 1st April, 2018 to 30th September, 2018, the Commission vide its Order No. 2 of 2018 dated 31.03.2018 determined the Additional Surcharge of Rs.0.69/kWh and for control period 1st October, 2018 to 31st March, 2019, the Commission vide its Order No. 4 of 2018 dated 29.09.2018 determined the Additional Surcharge of Rs. 0.44/kWh based on the approved formula and methodology as per the Order dated 12.03.2014 in Petition No. 1302/2013.

3.9.2. Gujarat Electricity Regulatory Commission (Procurement of Energy from Renewable Sources) (Second Amendment) Regulations, 2018.

The Commission has come out with the Second Amendment to the GERC (Procurement of Energy from Renewable Sources) Regulations, 2010, wherein the RPO Trajectory has been provided till FY 2021-22 as below:

Year	Minimum Quantum of purchase (in %) from renewable energy sources (in terms of energy in kWh)			
	Wind (%)	Solar (%)	Others (Biomass, Bagasse, MSW and Hydro)(%)	Total (%)
(1)	(2)	(3)	(4)	(5)
2017-18	7.75	1.75	0.5	10.00
2018-19	7.95	4.25	0.5	12.70
2019-20	8.05	5.5	0.75	14.30
2020-21	8.15	6.75	0.75	15.65
2021-22	8.25	8.0	0.75	17.00



Moreover, by substituting the Regulation 4.1 of the Principal Regulation, it has also been provided that if the above mentioned minimum quantum of power purchase either from Solar or Wind or Others (including Biomass, Bagasse, Hydro and MSW) is not available in a particular year of FY 2017-18 to FY 2021-22, in such cases, additional renewable energy available either from Solar or Wind or Others shall be utilized for fulfilment of RPO.

Moreover, compulsory procurement of 100% power produced from all the Waste-to Energy Project in the State of Gujarat has also been provided.

3.9.3. Gujarat Electricity Regulatory Commission (Multi-Year Tariff) (Second Amendment) Regulation, 2018 Notification No. 2 of 2018

The Commission has notified the Second Amendment to the GERC (Multi-Year Tariff) Regulations, 2016 vide notification no. 2 of 2018 dated 14.08.2018. The objective is to bring consistent and uniformity in recovery of Transmission Charges for Short-Term Open Access transactions such as Inter-State and Intra-State Transactions, Collective Transactions and Bilateral Transactions.

These Regulations come into effect from the date of Notification i.e. 14.08.2018

3.9.4. Gujarat Electricity Regulatory Commission (Forecasting, Scheduling, Deviation Settlement and Related Matters of Solar and Wind Generation Sources) Regulations, 2019

The Commission has also notified the GERC (Forecasting, Scheduling, Deviation Settlement and Related Matters of Solar and Wind Generation Sources) Regulations, 2019 with objective of facilitation of large-scale grid integration of solar and wind generating stations while maintaining grid stability and security as envisaged under the Grid Code, through forecasting, scheduling and commercial mechanism for deviation settlement of the generators.

These Regulations come into effect from date of Notification i.e. 19.01.2019. However, the commercial mechanism – deviation charges specified therein are to come into effect from 1.08.2019.

These Regulations are to be apply to all wind and solar generators having combined installed capacity above 1 MW connected to the State grid/substation, including those connected via pooling stations, and selling generating power within or outside the State or consuming power generated for self-consumption.



The deviation charges payable by Wind Generating Station/Pooling Station and Solar Generating Station/Pooling Station, as specified in the Regulations, are as follows:

Deviation Charges Payable by Wind Generation Station/Pooling Station

Sr. No.	Absolute Error in the 15-minute time block	Deviation Charges payable to State DSM Pool
1	$\leq 12\%$	None
2	$>12\%$ but $\leq 20\%$	At Rs. 0.25 per unit for the shortfall or excess energy for absolute error beyond 12% and up to 20%
3	$>20\%$ but $\leq 28\%$	At Rs. 0.25 per unit for the shortfall or excess energy for absolute error beyond 12% and up to 20% + Rs. 0.50 per unit for balance energy beyond 20% and up to 28%
4	$>28\%$	At Rs. 0.25 per unit for the shortfall or excess energy for absolute error beyond 12% and up to 20% + Rs. 0.50 per unit for balance energy beyond 20% and up to 28% + Rs. 0.75 per unit for balance energy beyond 28%

Deviation Charges Payable by Solar Generation Station/Pooling Station

Sr. No.	Absolute Error in the 15-minute time block	Deviation Charges payable to State DSM Pool
1	$\leq 7\%$	None
2	$>7\%$ but $\leq 15\%$	At Rs. 0.25 per unit for the shortfall or excess energy for absolute error beyond 7% and up to 15%
3	$>15\%$ but $\leq 23\%$	At Rs. 0.25 per unit for the shortfall or excess energy for absolute error beyond 7% and up to 15% + Rs. 0.50 per unit for balance energy beyond 15% and up to 23%
4	$>23\%$	At Rs. 0.25 per unit for the shortfall or excess energy for absolute error beyond 7% and up to 15% + Rs. 0.50 per unit for balance energy beyond 15% and up to 23% + Rs. 0.75 per unit for balance energy beyond 23%



4. ACCOUNTS

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

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

GUJARAT ELECTRICITY REGULATORY COMMISSION BALANCE SHEET AS ON 31st MARCH 2019		
	Amount- Rs	
CORPUS / CAPITAL FUND AND LIABILITIES	2018-19	2017-18
CORPUS /GERC CAPITAL FUND	2,13,62,00,000.00	1,89,63,00,000.00
RESERVES AND SURPLUS	106973138.45	94349658.11
EARMARKED ENDOWMENT FUNDS	0.00	0.00
SECURED LOANS AND BORROWINGS	0.00	0.00
UNSECURED LOANS AND BORROWINGS	0.00	0.00
DEFERRED CREDIT LIABILITIES	0.00	0.00
CURRENT LIABILITIES AND PROVISIONS	23914901.00	24040747.00
TOTAL	2267088039.45	2014690405.11
ASSETS		
FIXED ASSETS	155770279.33	163800716.33
INVESTMENTS- FROM EARMARKED / ENDOWMENT FUNDS	0.00	0.00
INVESTMENTS-OTHERS	0.00	0.00
CURRENT ASSETS, LOANS, ADVANCES	2111317760.12	1850889688.78
MISCELLANEOUS EXPENDITURE		
TOTAL	2267088039.45	2014690405.11



Gujarat Electricity Regulatory Commission

GUJARAT ELECTRICITY REGULATORY COMMISSION		
INCOME AND EXPENDITURE ACCOUNTS FOR THE YEAR ENDED 31st MARCH 2019		
	Amount Rs.	
	2018-19	2017-18
INCOME		
Income from sales/ service	0.00	0.00
Grants /Subsidies	0.00	0.00
Fees and charges	220643627.00	212158349.00
Income from Investments (Income on Investment, from earmarked/ endowment Fund transferred to Funds)	0.00	0.00
Income from Royalty, Publications etc.	0.00	0.00
Interest Earned	139831969.34	112260229.76
Other Income	30023.00	35897.00
Increase/Decrease in stock of finished goods & work in progress	0.00	0.00
TOTAL (A)	360505619.34	324454475.76
EXPENDITURE		
Establishment Expenditure	51863582.00	39156479.00
Other Administrative Expenses etc.	36775205.00	33859067.50
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)	19343352.00	19822727.00
TOTAL (B)	107982139.00	92838273.50
Balance being excess of Income over Expenditure (A-B)	252523480.34	231616202.26
Transfer to Corpus Fund	239900000.00	220000000.00
Transfer to General Reserve	12623480.34	11616202.26
Balance being surplus transferred to Balance Sheet	0.00	0.00
SIGNIFICANT ACCOUNTING POLICIES , CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS		

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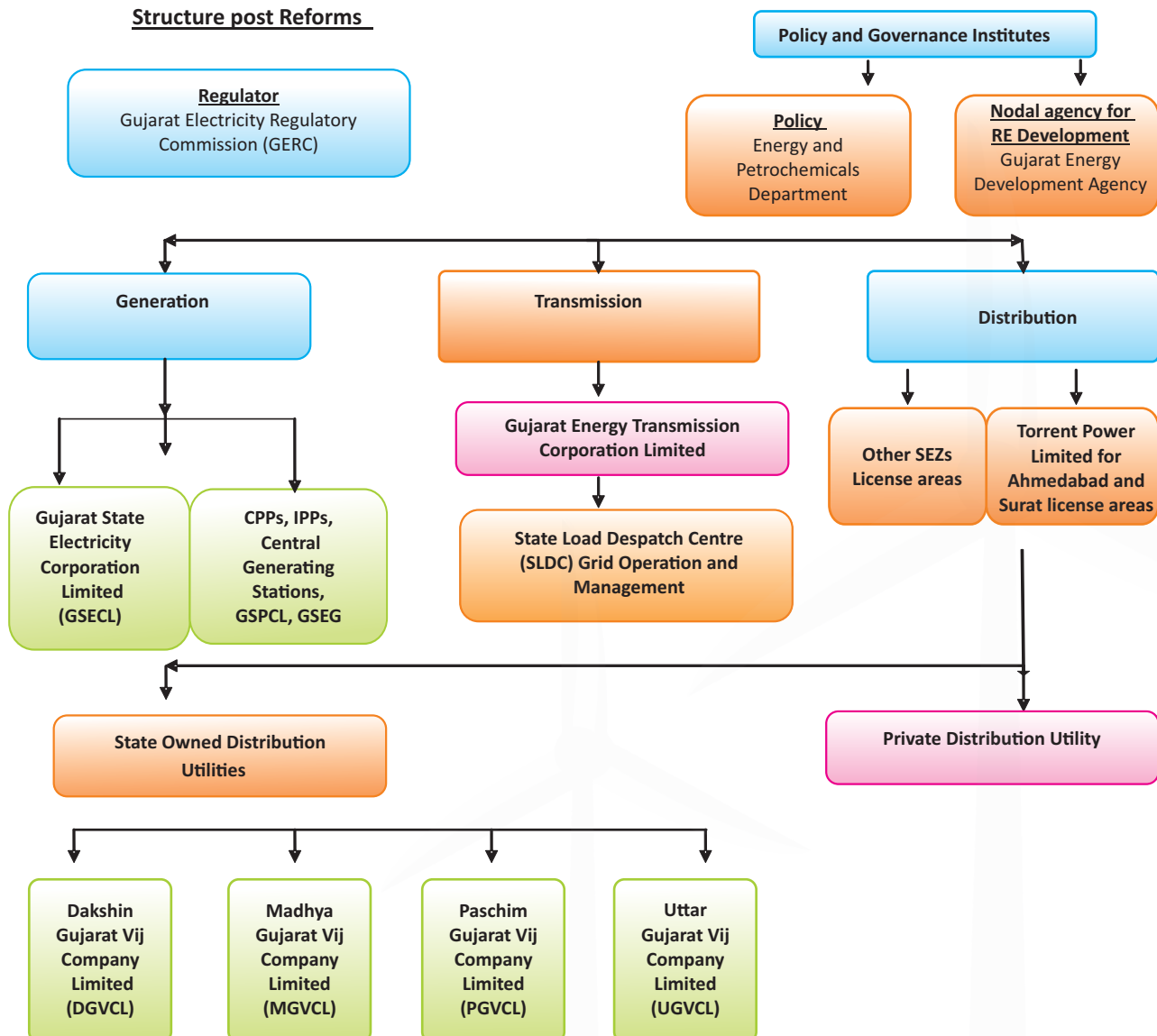
5. THE POWER SECTOR SCENARIO IN GUJARAT-AN OVERVIEW

1. Overview of the Power Sector in Gujarat

Structure prior to Reforms



Structure post Reforms





Gujarat Electricity Regulatory Commission

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

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

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

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

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

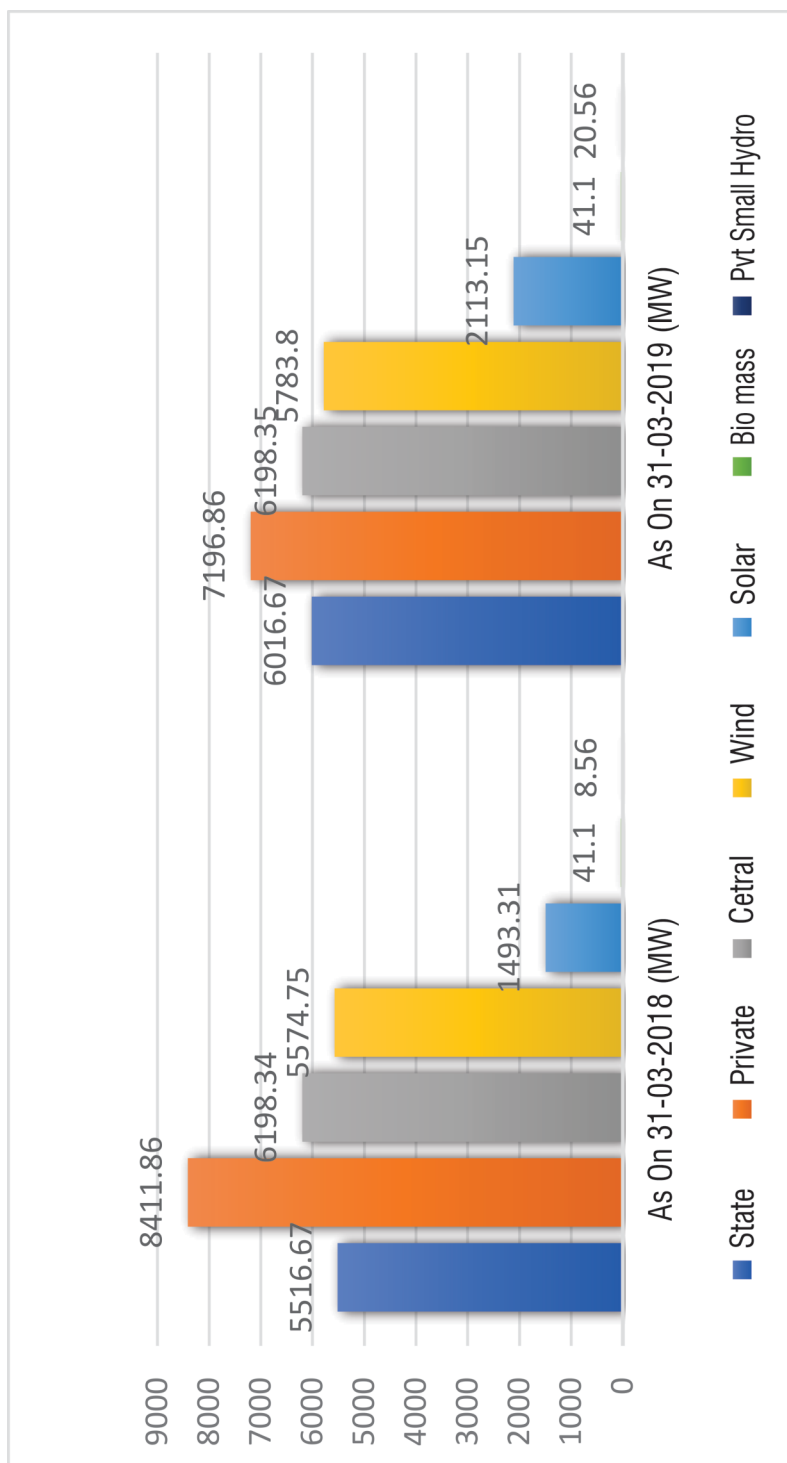
The sector-wise composition of installed generation capacity as on 31.03.2018 and 31.03.2019:

Particulars	As on 31-03-2018		As on 31-03-2019	
	Capacity (MW)	Share (%)	Capacity (MW)	Share (%)
State Sector	5516.67	20.24%	6016.67	21.98%
Private Sector	8411.86	30.86%	7196.86	26.29%
Central Sector	6198.34	22.74%	6198.35	22.65%
Wind Farm	5574.75	20.45%	5783.80	21.13%
Solar	1493.31	5.48%	2113.15	7.72%
Biomass	41.1	0.15%	41.10	0.15%
Private Mini Hydro	8.56	0.03%	20.56	0.08%
Total	27256.59	100%	27370.49	100.00%

Source – GETCO MIS reports for the month of March 2018 and March 2019



The sector-wise composition of installed generation capacity as on 31.03.2018 and 31.03.2019:





Gujarat Electricity Regulatory Commission

As the figure enlightens, there was a decrease in capacity of Private Sector of 1215 MW as generating stations either having attained their age or expiring their PPAs were de-rated from the system. Further Bhavnagar Energy Company Limited Power Station of 500 MW merged with State Sector w.e.f 01.04.2018.

There was a capacity addition of 818.89 MW in wind and solar during the year 2018-19. Total generation during the year was 121939.393 MUs with month of October, 2018 seeing highest generation in the tune of 11706.294 MUs.

During the year 2018-19, peak demand was 18221 MW which was recorded on 21st September, 2018 at 03:00 PM, which was met with source wise generation breakup as per the table below;

GSECL (Hydro)	GSECL (Thermal and Gas)	IPP/CPP	Private Mini Hydro	Central Sector	Wind	Solar	Biomass	Total
136	3567	6845	13	5778	1051	827	4	18221

Central Sector has highest share (39%) in meeting the demand followed by IPP/CPP (32%), GSECL (21%), wind and solar (6%).

Fuel Profile:

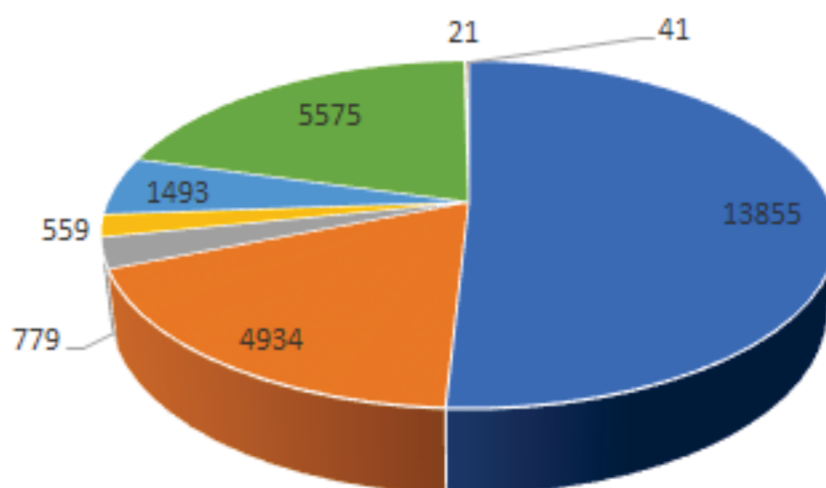
Fuel profile of the State Generating Stations at the end of FY 2018-19 is as under;

Particulars	As on 31-03-2018		As on 31-03-2019	
	Capacity (MW)	Capacity (MW)	Capacity (MW)	Share (%)
Thermal (Coal)	13855	50.83%	13795	50.40%
Gas	4934	18.10%	4279	15.63%
Hydro	779	2.86%	779	2.86%
Nuclear	559	2.05%	559	2.05%
Solar	1493	5.48%	2113	7.72%
Wind	5575	20.45%	5784	21.13%
Mini Hydro	21	0.08%	21	0.08%
Biomass	41	0.15%	41	0.15%
Total	27257	100.00%	27370	100.00%



As on Dt. 31-3-2018

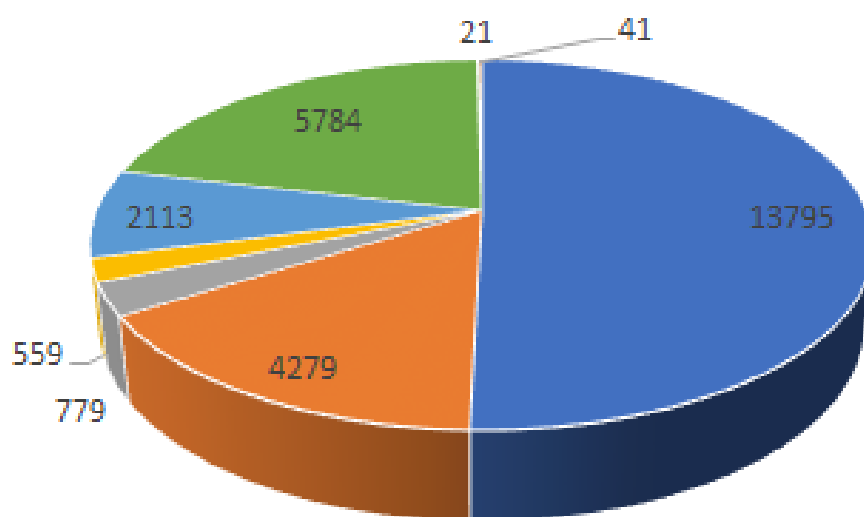
1. Thermal (Coal)
2. Gas
3. Hydro
4. Nuclear
5. Solar
6. Wind
7. Mini Hydro
8. Biomass



1 2 3 4 5 6 7 8

As on Dt. 31-3-2019

1. Thermal (Coal)
2. Gas
3. Hydro
4. Nuclear
5. Solar
6. Wind
7. Mini Hydro
8. Biomass



1 2 3 4 5 6 7 8



Gujarat Electricity Regulatory Commission

This year saw leading capacity addition in renewable based energy generation (Wind, Solar) installed capacity of 829 MW, which was greater than capacity addition during the year 2017-18 (520 MW). Overall capacity addition was of 113 MW. This is due to de-rating of generating stations by GSECL.

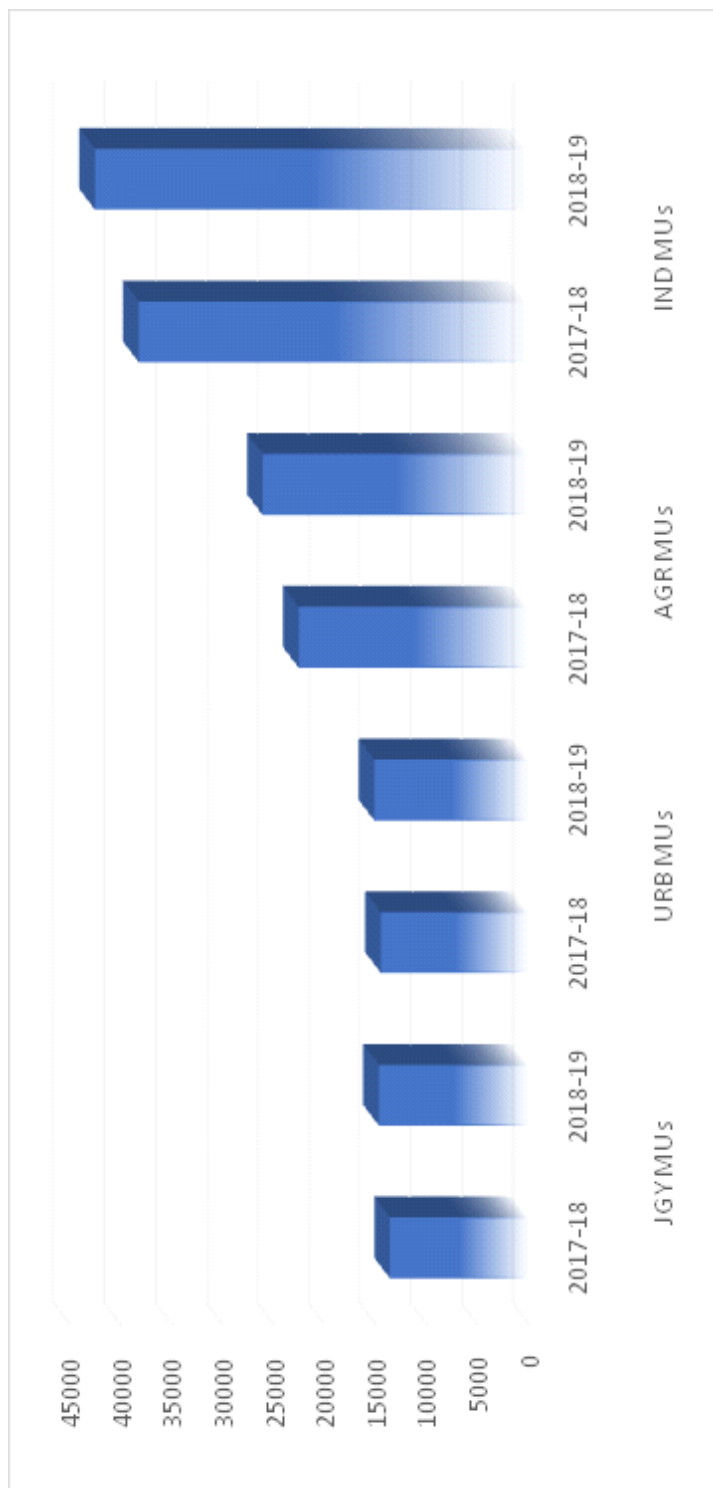
Category wise energy catered in MUs during FY 2018-19

	JGY MUs		URB MUs		AGR MUs		IND MUs		Total	
	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
Total	13595	14671	14477	15138	22549	26065	38225	42525	88845	98399
% change w.r.t. previous year	7.78%	7.91%	6.63%	4.57%	3.85%	15.59%	9.20%	11.25%	7.16%	10.75%

Out of total energy catered during FY 2018-19, share of industrial sector was 43.22% which was 43.02% during FY 2017-18. This was followed by Agriculture sector which was 26.49%, Urban sector which was 15.38% and at last was JGY category which had share of 14.91%. Energy catered during FY 2018-19 was 10.75% higher than previous year with Agriculture Sector having a growth of 15.59% followed by industrial sector (11.25%), JGY (7.91%) and during the year growth of energy catered by Urban sector was 4.57%.



Category wise energy catered in MUs during FY 2018-19





DISCOM wise energy catered in MUs during FY 2017-18

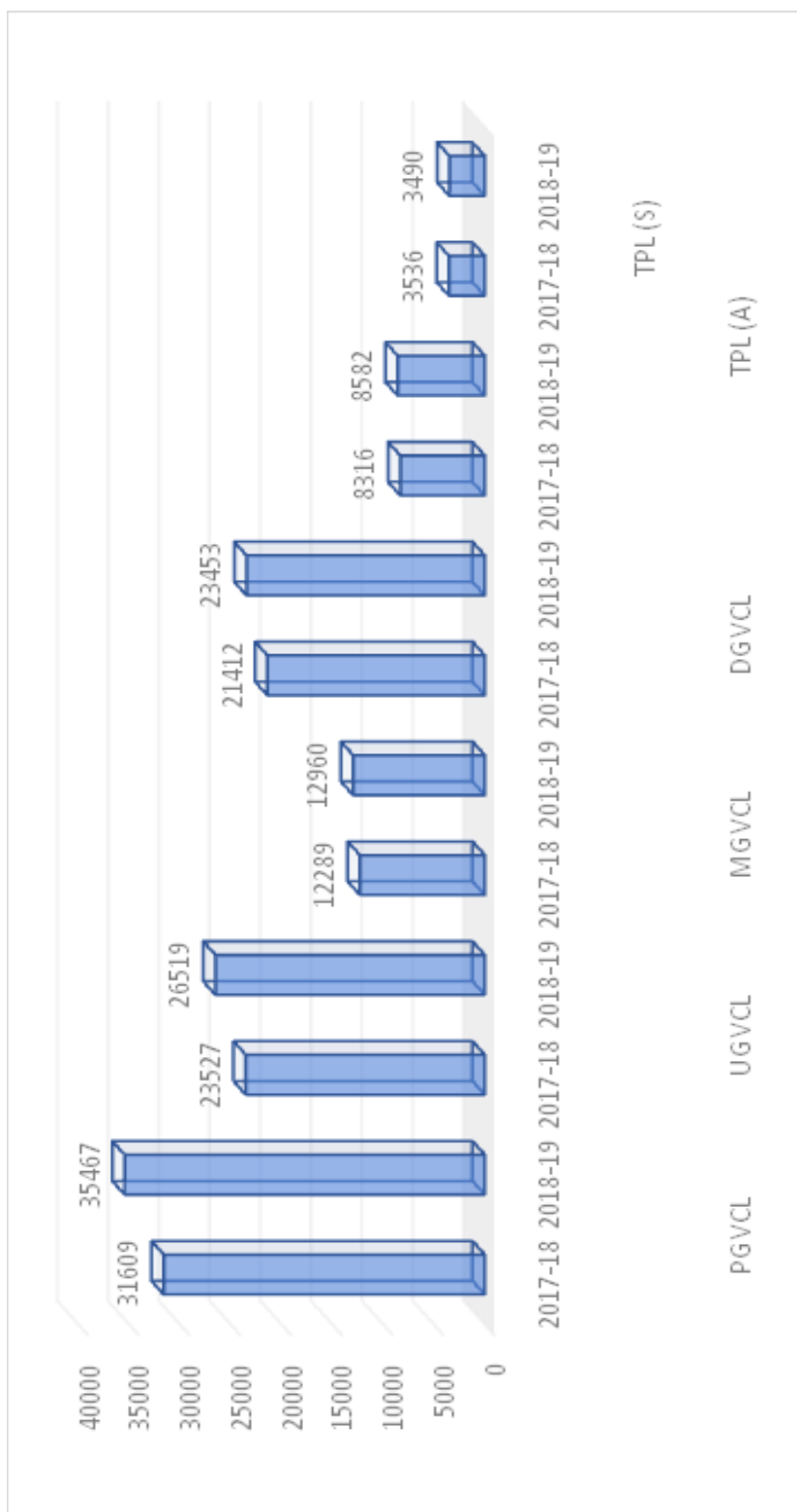
Month	PGVCL		UGVCL		MGVCL		DGVCL		TPL (A)		TPL (S)	
	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19	2017-18	2018-19
Total	31609	35467	23527	26519	12289	12960	21412	23453	8316	8582	3536	3490
% change w.r.t. previous year	8.37%	12.21%	7.51%	12.72%	4.42%	5.46%	5.38%	9.53%	3.61%	3.20%	2.85%	(-) 1.30%

PGVCL was at the top in energy catered during FY 2018-19 having 32.11% of total energy catered followed by UGVCL (24.01%), DGVCL (21.23%), MGVCL (11.73%), TPL (A) (7.77%) and TPL (S) (3.16%).

There was 9.72% rise in energy catered by distribution utilities during FY 2018-19 compared to previous year with UGVCL having growth of 12.71% followed by PGVCL (12.21%), DGVCL (9.53%), MGVCL (5.46%), TPL (A) (3.20%) and TPL (S) ((-) 1.30%)



DISCOM wise energy catered in MUs during FY 2018-19





**Gujarat Electricity
Regulatory Commission**

ANNEXURE - 1

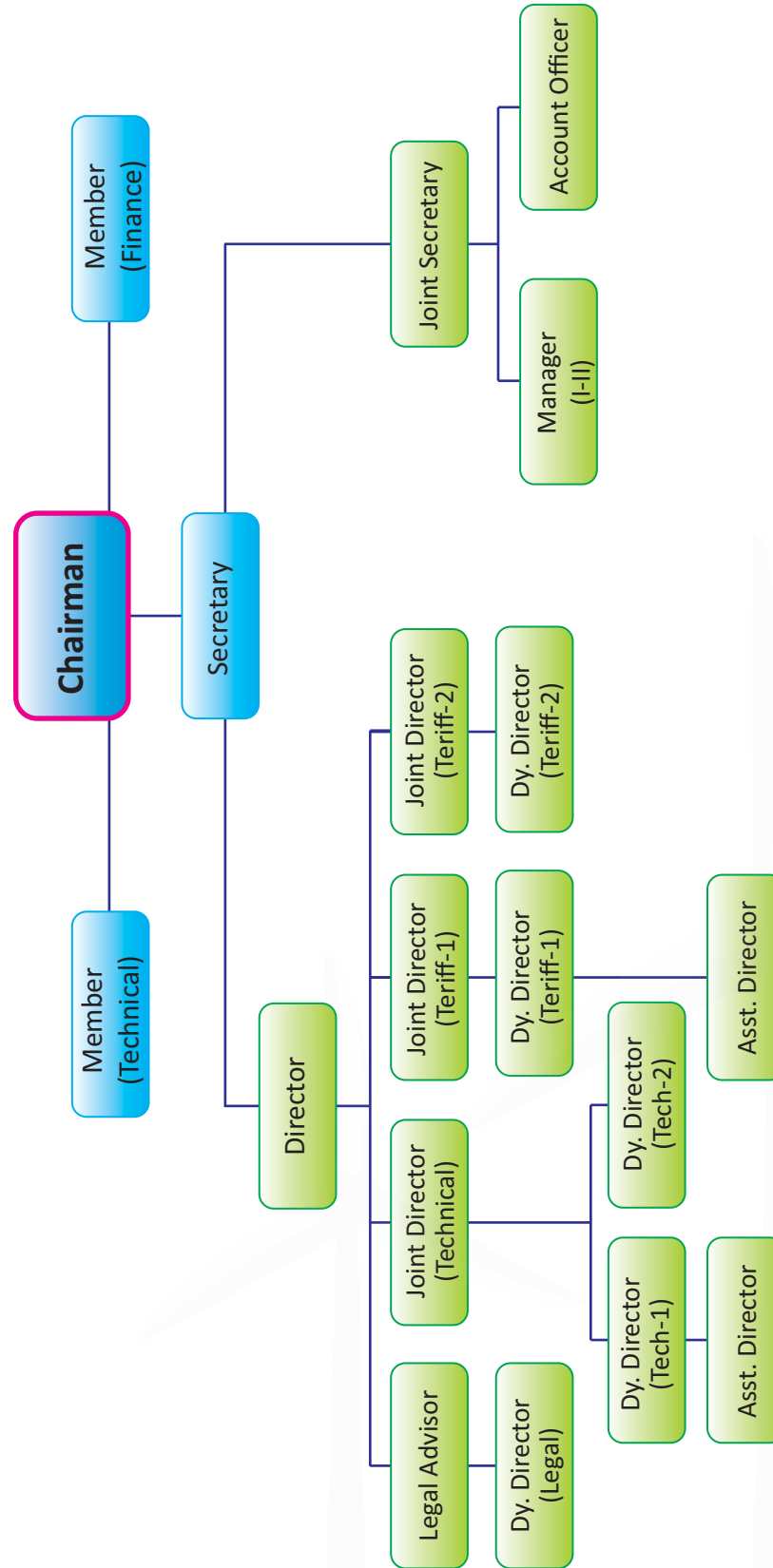
POSITIONS WITHIN THE COMMISSION

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

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ANNEXURE – 2
ORGANISATION STRUCTURE OF GERC





ANNEXURE - 3 Details of petitions disposed of during the year 2018-19

Sr No.	Petition No.	Petitioner(s) and Respondent(s)	Subject Matter
1	1698/2018	Torrent Power Limited – Dahej	Truing up for FY 2016-17 and Determination of Tariff for FY 2018-19
2	1694/2017	MPSEZ Utilities Private Limited	Truing up for FY 2016-17 and Determination of Tariff for FY 2018-19
3	1708/2018	Aspen Infrastructure Limited	Truing up for FY 2016-17 and Determination of Tariff for FY 2018-19
4	1710/2018	GIFT Power Company Limited	Determination of Tariff for FY 2018-19
5	1711/2018	Torrent Power Limited	Petition for approval of Short-Term Power Purchase arrangement for sourcing of power to cater to the demand of Dahej SEZ License area under the provisions of the Guidelines for Power Procurement by Distribution Licensee issued by the Commission on 14.8.2013 read with Section 86 (1) (b) of the Electricity Act, 2003.
6	1617/2017	Sheetal Cool Products Private Limited vs Paschim Gujarat Vij Company Limited, Gujarat Energy Transmission Corporation Limited	Petition under Section 86 (1)(e) and 86 (1) (f) of the Electricity Act, 2003 and agreement for wheeling entered into with GETCO dated 24.3.2015 and agreement for wheeling and purchase of excess energy entered into with PGVCL on 30.3.2015 and dispute regarding levying of transmission charges, wheeling charges and not providing banking and purchase of surplus energy.
7	1024/2010 * and IA No. 8 of 2016	Tarini Infrastructure Limited vs Gujarat Urja Vikas Nigam Limited, Narmada Water Resources, Gujarat Energy Transmission Corporation Limited	Petition for fixation of tariff for two small hydro power projects of 3 MW and 2.6 MW at Daman Ganga Dam/ Madhuban Reservoir under Section 62 read with Section 86(1)(a) of the Electricity Act, 2003.
8	1714/2018	Energy & Petrochemicals Department vs Torrent Power Limited	Tariff for Agricultural Consumers of Torrent Power Limited (Ahmedabad Unit)



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9	1397/2014 *	ACB (India) Limited vs Gujarat Urja Vikas Nigam Limited	Petition under Section 86 (1) (f) of the Electricity Act, 2003 read with Article 13 of the Power Purchase Agreement dated 26.02.2007 executed between Gujarat Urja Vikas Nigam Limited and ACB (India) Limited for adjustment of tariff.
10	1114/2014 * & IA Nos. 4/2014, 6/2016, 12/2016 & 20 of 2017	Junagadh Power Projects Pvt. Ltd. vs Gujarat Urja Vikas Nigam Limited, Gujarat Energy Transmission Corporation Limited, Gujarat Energy Development Agency, State Load Dispatch Centre	Re-determination of fuel cost, fixation of tariff and non-applicability of intrastate availability-based tariff to the biomass based 10MW power plant at Junagadh under section 62 read with section 86(1) (a) of the electricity act, 2003.
11	1113/2014* & IA Nos. 5/2014, 5/2016, 11/2016 & 19 of 2017	Amreli Power Projects Pvt. Ltd. vs Gujarat Urja Vikas Nigam Limited, Gujarat	Re-determination of fuel cost, fixation of tariff and non-applicability of intrastate availability-based tariff to the biomass based 10MW power plant at Amreli under Section 62 read with Section 86(1) (a) of the electricity act, 2003
12	Review Petition 1610/2016	Gujarat Urja Vikas Nigam Limited Vs Orange Renewable Power Private Limited,	Petition under Section 94 of the Electricity Act, 2003 read with ORDER 47 RULE 1 of the Code of Civil Procedure, 1908 for review of Wind Tariff Order No. 02 of 2016 dated 30.08.2016.
13	1705/2018	Gujarat Urja Vikas Nigam Limited	Petition under Section 63 read with Section 86 (1) (b) of the Electricity Act, 2003 seeking adoption of tariff discovered under Competitive Bidding Process for procurement of 500 MW grid connected Wind Projects in Gujarat.
14	1715/2018	Torrent Power Limited	Approval of short-term power purchase arrangement for sourcing power to cater to the demand of Ahmedabad, Gandhinagar and Surat license area under the provisions of the Guidelines for Power Procurement by Distribution licensee issued by the Commission read with Section 86 (1) (b) of the Electricity Act, 2003
15	Review Petition 1523/2015	Paschim Gujarat Vij Company Limited vs Investment & Precision	Petition under Section 94 (1) (f) of the Electricity Act, 2003 read with Order 47 Rule 1 of the Code of Civil Procedure, 1908 and Regulation 72 of the Gujarat Electricity Regulatory Commission (Conduct of Business) Regulations, 2004 for Review of Order dated 15.7.2015 in Petition No. 1415 of 2014



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16	1605/2016	Hindustan Gum & Chemicals Limited vs Uttar Gujarat Vij Company Limited	Petition for challenging the Respondent UGVCL' s letter dated 19.05.2015 that is having an effect of not giving separate benefits of Banking of electricity, (a) for a period of 6 months as per Wind Power Generation Policy, 2002 for the Petitioner's Kadoli Wind Mill of 1.25 MW, (b) for a period of 1 month as per Wind Power Generation Policy, 2013 for the Petitioner's Kotdasangani Wind Mill and to quash and set aside the aforesaid letter dated 19.05.2015 under which the Respondent refused to give benefit of Banking and also direct the Respondent to allow such banking benefit for each of the wind mills as per wheeling and banking agreement
17	Review Petition 1519/2015	Paschim Gujarat Vij Company Limited vs Welspun Corporation	Petition under Section 94 (1) (f) of the Electricity Act, 2003 read with Order 47 Rule 1 of the Code of Civil Procedure, 1908 and Regulation 72 of the GERC (Conduct of Business) Regulations, 2004 for review of Order dated 01.07.2015 in Petition No. 1387 of 2013
18	1659/2017	Indian Wind Power Association, Oil India Limited vs Gujarat Urja Vikas Nigam Limited, Madhya Gujarat Vij Company Limited, Dakshin	Petition under Section 86(1)(a), (b), (e), (f), (k) read with Section 62 of the Electricity Act, 2003 seeking direction against the Respondent No. 1 to execute Power Purchase Agreements with Wind Power Producers within the State in terms of Order No. 2 of 2016 dated 30.08.2016 passed by the Gujarat Electricity Regulatory Commission
19	1667/2017	Jai Bharat Gum & Chemicals Limited, Fashion Suitings Private Limited, K P Energy Limited	Petition under Section 86(1)(a), (b), (e), (f), (k) read with Section 62 of the Electricity Act, 2003 seeking direction against the Respondent No. 1 to execute Power Purchase Agreements with Wind Power Producers within the State in terms of Order No. 2 of 2016 dated 30.08.2016 passed by the Gujarat Electricity Regulatory Commission
20	1685/2017	Madhya Gujarat Vij Company Limited, Uttar Gujarat Vij Company Limited, Paschim Gujarat Vij Company Limited, Dakshin Gujarat Vij Company Limited and Gujarat Urja Vikas Nigam Limited	Petition under Section 86 and other provisions of the Electricity Act, 2003 and under provisions of the Gujarat Electricity Regulatory Commission(Multi Year Tariff) Regulations, 2016 for approval of implementation of "Amnesty Scheme-2017" notified by the Government of Gujarat vide G.R No. GUV_2016-3170-K1 dated 12.10.2017 under the supply jurisdiction of the State owned Distribution Licensees, for recovery of outstanding dues from PDC consumers/non-consumers
21	1663/2017	Torrent Power Limited vs Akhil Gujarat Grahak Sewa Kendra and Ors.	Petition under Section 94 of the Electricity Act, 2003 read with Regulation 58, 80, 81, 82 and 83 of the Gujarat Electricity Regulatory Commission(Conduct of Business) Regulations, 2004 seeking clarification/ rectification of the Commission's order dated 9th June, 2017 in Case No. 1626 of 2016 for Truing-up of FY 2015-16 and determination of tariff for FY 2017-18 for its Generation Facilities at Ahmedabad



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22	1662/2017	Torrent Power Limited vs Akhil Gujarat Grahak Sewa Kendra and Ors.	Petition under Section 94 of the Electricity Act, 2003 read with Regulation 58, 80, 81, 82 and 83 of the Gujarat Electricity Regulatory Commission (Conduct of Business) Regulations, 2004 seeking clarification/ rectification of the Commission's order dated 9th June, 2017 in Case No. 1627 of 2016 for Truing up of FY 2015-16 and determination of tariff for FY 2017-18 for its Distribution Business of Ahmedabad Supply Area
23	1661/2017	Torrent Power Limited vs Akhil Gujarat Grahak Sewa Kendra and Ors.	Petition under Section 94 of the Electricity Act, 2003 read with Regulation 58, 80, 81, 82 and 83 of the Gujarat Electricity Regulatory Commission (Conduct of Business) Regulations, 2004 seeking clarification/ rectification of the Commission's order dated 9th June, 2017 in Case No. 1628 of 2016 for Truing-up of FY 2015-16 and determination of tariff for FY 2017-18 for its Distribution Business of Surat Supply Area
24	Review Petition 1607/2016	I.C Textiles Limited vs Gujarat Energy Transmission Corporation Limited	Review petition against the Commission's order dated 17.08.2015 in Petition No. 1458 of 2015, for retention of 100% service line & delay in refund of Pro-Rata Deposit by GETCO in EHT Bill finalization due to termination of demand by MGVL
25	1244/2012 & IA Nos. 3/2014, 7/2016 & 13/2016	Bhavnagar Biomass Power Projects Pvt. Ltd. vs Gujarat Urja Vikas Nigam Limited, Gujarat	Petition under Section 86 (1) (f) of the Electricity Act, 2003 for directions to the Respondents to pay the amounts due to the Petitioner in terms of the invoices raised and for determination of fuel cost, fixation of tariff of the biomass based 10 MW power plant at Bhavnagar under Section 62 read with Section 81 (1) (a) of the Electricity Act, 2003.
26	1603/2016	RGE Surat Private Limited vs Gujarat Urja Vikas Nigam Limited, Energy	Petition for adjustment of tariff for sale of power to distribution licensee in the State of Gujarat from its 11.5 MW Municipal Solid Waste (MSW) (Gross Power) based power project located at Surat, Gujarat.
27	Review Petition 1540/2015	Gujarat Urja Vikas Nigam Limited vs	Petition under Section 94 (1) (f) of the Electricity Act, 2003 read with Regulation 72 of GERC (Conduct of Business) Regulations, 2009 for review of Order dated 31.7.2015 in Petition No. 1433 of 2014
28	1522/2015	Surat Municipal Corporation vs Torrent Power Limited	Petition under Section 129 of the Electricity Act, 2003 read with Regulation 62(b) of the Gujarat Electricity Regulatory Commission (Conduct of Business) Regulations, 2004 for seeking order through appropriate directions for securing compliance by the licensee which has contravened certain provisions contained in Order No. 1 of 2012 dated 27.1.2012 read with Suo-Motu Order dated 11.7.2014 and Notification No. 2 of 2013 dated 7.8.2013 issued by the Commission in the exercise of the powers under the Act and in the matter of determination of tariff for procurement of power by the distribution licensees and others from Solar Energy Projects and Guidelines for procurement of power by distribution licensees



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29	1597/2016	Gujarat State Electricity Corporation Limited	Petition for approval of Capital Cost for 2x250 MW Sikka Unit No. 3 & 4 in respect to the PPA between GSECL and GUVNL
30	1606/2016	OPGS Power Gujarat Private Limited vs	Petition under section 86 (1) (c) read with Section 86 (1) (f) of the Electricity Act, 2003 for adjudication of disputes between the parties
31	1477/2015 & IA Nos. 2/2016 & 11/2017	OPGS Power Gujarat Private Limited vs Gujarat Energy	Petition under Section 86 (1) (c) and (f) of the Electricity Act, 2003 read with Regulation 45 of the GERC (Terms and Conditions of Intra-State Open Access) Regulations, 2011 and Regulations 80 and 82 of the GERC (Conduct of Business) Regulations, 2004
32	1676/2017 and IA No. 17/2017	Gujarat Urja Vikas Nigam Limited vs Adani Green Energy Limited and Ors.	Petition under Section 86(1)(b) and other applicable provisions of the Electricity Act, 2003 seeking approval of Power Purchase Agreements executed by GUVNL with Wind Power Projects at the tariff of Rs. 3.46/unit in accordance with the approval of Government of Gujarat and pursuant to request of various project developers for considering the tariff of Rs. 3.46/unit discovered under competitive bidding process initiated by SECI under MNRE Guidelines as benchmark tariff
33	1678/2017	Surya Vidyut Limited vs Gujarat Urja Vikas	Approval of the Power Purchase Agreement dated 31.3.2017 executed between Gujarat Urja Vikas Nigam Limited and Surya Vidyut Limited under Section 86 of the Electricity Act, 2003
34	1679/2017	Surya Vidyut Limited vs Gujarat Urja Vikas	Approval of the Power Purchase Agreement dated 31.3.2017 executed between Gujarat Urja Vikas Nigam Limited and Surya Vidyut Limited under Section 86 of the Electricity Act, 2003
35	1596/2016	Kindle Engineering and Construction Private Limited vs	Petition under Section 86 (1) (f) of the Electricity Act, 2003 read with Regulation 61 of the GERC (Conduct of Business) Regulations, 2004 for adjudication of the disputes arising out of PPA dated 20.01.2011 and subsequent amendments thereto between TPL and KECPL
36	1743/2018	Paschim Gujarat Vij Company Limited	Petition seeking approval of the Gujarat Electricity Regulatory Commission for implementation of Agriculture Demand Side Management Programme for promoting BEE approved 5 star rated energy efficient pump sets for new agriculture connections for FY 2018-19 in the area of Paschim Gujarat Vij Company Limited pursuant to the GERC (Demand Side Management) Regulations, 2012.



Gujarat Electricity Regulatory Commission

37	1729/2018	Dakshin Gujarat Vij Company Limited, Madhya Gujarat Vij Company Limited, Paschim Gujarat Vij Company Limited, Uttar Gujarat Vij Company Limited, Gujarat Urja Vikas Nigam Limited	Petition under Section 86 and other provisions of the Electricity Act, 2003 for implementation of 'Suryashakti Kisan Yojna' (SKY) notified by the Government of Gujarat vide GR No. SLR/11/2016/2284/B1 dated 27.06.2018 and 29.09.2018 on pilot basis, for solarisation of agriculture connections under the supply jurisdiction of State Distribution Licensees (i.e. DGVCL, MGVL, PGVCL and UGVCL)
38	1731/2018 & IA No. 4/2018 & 5/2018	Gujarat Urja Vikas Nigam Limited vs Regen Powertech Pvt.	Petition under Clause 22 of Guidelines for tariff based Competitive Bidding Process notified by Ministry of Power on 08.12.2017 for Procurement of Power from Grid Connected Wind Power Projects under Section 63 read with Section 86 of the Electricity Act, 2003 for approval of deviations from the said guidelines.
39	1745/2018	Torrent Power Limited	Petition under Clause 5.1 (c) of Guidelines for Tariff Based Competitive Bidding Process notified on 08.12.2017 by Ministry of Power under Section 63 of the Electricity Act, 2003 for Procurement of Power from Grid Connected Wind Power Projects read with Section 86 of the Act for approval of the deviations from the said guidelines
40	1744/2018	Torrent Power Limited	Petition under Clause 3.1.1 (c) of Guidelines for Tariff Based Competitive Bidding Process notified on 03.08.2017 by Ministry of Power under Section 63 of the Electricity Act, 2003 for Procurement of Power from Grid Connected Solar Power Projects read with Section 86 of the Act for approval of the deviations from the said guidelines
41	1755/2018	Gujarat Urja Vikas Nigam Limited	Petition seeking consent under Clause 4.3 (iii) of Case 4 Mechanism of Flexibility in utilization of domestic coal in Independent Power Producers' (IPP) Stations issued by Ministry of Power vide letter dated 20th February, 2017 to proceed with selection of single bidder under e-bidding and e-auction process
42	1529/2015	Surat Municipal Corporation vs Torrent Power Limited	Petition under Section 129 of the Electricity Act, 2003 read with Regulation 62(b) of the Gujarat Electricity Regulatory Commission (Conduct of Business) Regulations, 2004 seeking order through appropriate directions securing compliance by the licensee which has contravened certain provisions contained in Order No. 1 of 2012 dated 27.1.2012 read with Suo-Motu Order dated 11.7.2014 and Notification No. 2 of 2013 dated 7.8.2013 issued by the Commission in exercise of the powers under the Act and in the matter of determination of tariff for procurement of power by the distribution licensee and others from Solar Energy Projects and Guidelines for procurement of power by distribution licensees



Gujarat Electricity Regulatory Commission

43	1608/2016	Cargo Solar Power Gujarat Private Limited vs Gujarat Urja Vikas Nigam Limited	Petition seeking approval and adjudication of disputes under Section 86 (1) (f) of the Electricity Act, 2003 in terms of the Power Purchase Agreement dated 30.04.2010 for 25 MW Solar Power Project of the Petitioner with GUVNL regarding (i) considering the period from 07.04.2012 to 31.12.2018 as Force Majeure Event and (ii) Changes in the definition of Construction Default Date, Scheduled Commercial Operation Date, Article 2.2 pertaining to Licenses, permits and conditions precedents, Article 4.3 pertaining to liquidated damages for delay in commissioning the project/solar thermal grid interconnectivity power plant beyond Scheduled Commercial Operation Date and extend the time limit for Scheduled Commercial Operation Date to 31.12.2018
44	1746/2018	CLP Power India Private Limited vs Torrent Power Limited	Petition under Section 86 (1) (b), (e) and (f) read with Section 23 of the Electricity Act, 2003 seeking appropriate directions against the Respondent to procure power from the Petitioner's Wind Energy Project in accordance with the Commission's Order No. 2 of 2006 dated 11.08.2006 determining the price for procurement of power by the distribution licensees from Wind Energy Projects in Gujarat.
45	Suo-Motu 1442/2014 *	Gujarat Urja Vikas Nigam Limited and Ors.	Compliance of the GERC (Procurement of Energy from Renewable Sources) Regulations, 2010 and GERC (Procurement of Energy from Renewable Sources) (First Amendment) Regulations, 2014.
46	1655/2017	Surat Citizens' Council Trust, Utility Users' Welfare Association vs Torrent Power Limited	Petition under Section 129 of the Electricity Act, 2003 read with Regulation 62(b) of the Gujarat Electricity Regulatory Commission (Conduct of Business) Regulations 2004 read with Section 64(6) and Section 62(6) of the Electricity Act, 2003 seeking order through appropriate directions for securing compliance by the Licensee which has contravened provisions contained in tariff orders dated 31.03.2016 passed by GERC and APTEL Order dated 30.03.2017 in respect of Surat and Ahmedabad –Gandhinagar and Surat areas in exercise of powers under the Act in the matter of determination of tariff by the Distribution Licensee Torrent Power Ltd.
47	1437/2014 *	Torrent Power Limited vs Gujarat Urja Vikas Nigam Limited, Gujarat Energy Development	Revision of minimum quantum of purchase (in %) from renewable energy sources percentage targets for the year FY 2013-14 in view of supply constraints or other factors beyond the control of the licensee under the provisions of Regulation 4.2 of GERC (Procurement of Energy from Renewable Sources) Regulations, 2010.
48	1737/2018	Gujarat Urja Vikas Nigam Limited vs Grassroot Trading	Miscellaneous Petition under Section 86 (1) (b) of the Electricity Act, 2003 for approval of arrangement for procurement of Solar Power from Solar Panels of Salt Pan Workers of Self-Employed Women Association (SEWA) during off-season period when their Solar Panels remain unutilized



Gujarat Electricity Regulatory Commission

49	Review Petition 1775/2019	Gujarat Urja Vikas Nigam Limited vs	Petition under Section 94 (1)(f) of the Electricity Act, 2003 read with Order 47 Rule 1 of the Code of Civil Procedure, 1908 and Regulation 72 of the GERC (Conduct of Business) Regulations, 2004 for review of Order dated 5.11.2018
50	License Application No. 1	Torrent Power Limited	Application for Grant of Distribution License in the Area of Dholera Special Investment Region (SIR), District-Ahmedabad, Gujarat.

[* Remanded Matters]

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ANNEXURE-4

Details of Regulations / orders Notified by the Commission

Sr No.	Name Of The Regulation	Notifictaion Number	Date Of Notification
1	Conduct of Business	02 of 2004	25/08/2004
2	Distribution code <ul style="list-style-type: none"> • First Amendment • Second Amendment • Third Amendment 	06 of 2004 GERC/Tech- I/2296 /2006 01 of 2016 01 of 2017	25/08/2004 26 /10/2006 05/02/2016 30/06 /2017
3	Procedure for filing Appeal before the Appellate Authority Regulations	01 of 2005	05/01 /2005
4	Licensing of Transmission	02 of 2005	30/03/2005
5	Licensing of Electricity Trading	03 of 2005	30/03/2005
6	Licensing o f Distribution of Electricity	04 of 2005	30/03/2005
7	Fees, Fines and Charges Regulatio ns, <ul style="list-style-type: none"> • First Amendment 	06 of 2005 01 of 2015	30/03/2005 22/09 /2015
8	Power System Management Standards	07 of 2005	30/03/2005
9	Security Deposit Regulations <ul style="list-style-type: none"> • Second Amendment. 	08 of 2005 03 of 2015	31 /03/2005 15/07/2015
10	Licensee's power to recover expenditure incurred in providing supply and miscellaneous charge.	09 of 2005	31/03/2005
11	Standards of performance of Distribution	10 of 2005	31 /03/2005
12	Orders on procedure		03/08/2005
13	Appointment of Consultant	14 of 2005	29 /10/2005
14	Fixing of Trading Margin	1 of 2010	16 /02/2010



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15.	Power Procurement From Renewable Sources	3 of 2010	17/04 /2010
	• First Amendment	2 of 2014	04 /03/2014
	• Second Amendment	1 of 2018	21 /04 /2018
16.	Designating State Nodal Agency For Rec	04 of 2010	16 /07/2010
	• Statement Of Reasons	-	17/04 /2010
	• First Amendment	02 of 2014	04 /03/2014
17.	Recruitment And Service Conditions Of Secretary And Staff	2059 /2011	28/11 /2011
18.	Consumer Grievances Redressal Forum & Ombudsman Regulations,2011	02 of 2011	07/04 /2011
19	Terms And Condition Of Intra-state Open Access	03 of 2011	01/06/2011
	First Amendment	01 of 2014	04/03/2014
	Second Amendment	03 of 2014	12/08/2014
20	Fixing Of Trading Margin	04 of 2011	09/12/2011
21	Demand Side Management	01 of 2012	08/05/2012
	First Amendment		
22	Grid Code	GERC/Notification/ 2013/1424	16/07/2013
23	Guidelines For Procurement Of Power By Distribution License	02 of 2013	14/08/2013
24	Electricity Supply Code And Related Matters	04 of 2015	22/09/2015
	First Amendment	06 of 2016	23/11/2015
25	Procurement Energy From Renewable Sources-regulation 2010		
	First Amendment	01 of 2014	04/03/2014
26	Applicability of procurement of energy from renewable sources to captive and open access	02 of 2015	01/07/2015
27	Multi Year Tariff Regulation-2016	04 of 2016	28/03/2016
	First Amendment	07 of 2016	02/12/2016
	Second Amendment	02 Of 2018	18/08/2018
28	Net Metering Rooftop Solar PV Grid Interactive Systems	05 of 2016	21/06/2016
	First Amendment	02 of 2017	06/10/2017
29	Forecasting, Scheduling, Deviation Settlement and Related Matters of Solar and Wind Generations Sources) Regulations-2019	01 of 2019	19/01/2019



Details of Regulations / orders Notified by the Commission (repealed)

Sr No.	Name of the Regulation	Notifictaion Number	Date Of Notification
1.	Staff Service Regulation (repealed)	Extra No.55	19 /07/2001
2.	Establishment of Ombudsman for Redressal of Grievances of Consumers (repealed)	03 of 2004	25/08/2004
3.	Establishment of Forum for Redressal of Grievances of Consumers (repealed)	04 of 2004	25/08/2004
4.	Grid Code (Repealed)	05 of 2004	25/08 /2004
5.	Levy and Collection of Fees and charges by SLDC Regulations (Repealed) • First Amendment (Repealed)	05 of 2005 03 of 201 6	30/03/2005 18/02/2016
6.	Security Deposit Regulations • First Amendment (Repealed)	08 of 2005 05 of 2010	31/03/2005 02/08/2010
7.	Terms and Conditions of Tariff (repealed)	12 of 2005	31/03/2005
8.	Open Access (repealed)	13 of 2005	
9.	Power Procurement from Renewable sources Regulations (repealed)	15 of 2005	29/10/2005
10.	Electricity Supply Code and Related Matters • First Amendment (GERC/Tech-I/2277/2005)* • Second Amendment (GERC/Tech-II/2097/2006* • Third Amendment • Fourth Amendment(GERC/Tech-II/1229/2012)*	11 of 2005 06 of 2010	31/03/2005 14/12/2005 25/09/2005 20/08/2010 18/06/2012
11.	Multi Year Tariff Regulation 2007 (repealed)	1 of 2007	30/11 /2007
12.	Multi Year Tariff Regulations 2011 (repealed) • First Amendment (repealed)	1 of 2011 2 of 2016	22/03/2011 19/02/2016



ANNEXURE 5 DETAILS OF LOCATIONS OF CONSUMER GRIEVANCES REDRESSAL FORUMS

DGVCL Forum	Convener, CGRF, Dakshin Gujarat Vij Company Limited, Dakshin Gujarat Vij Seva Sadan, Registered & Corporate Office, Kapodara Char Rasta, Nana Varachha Road, Surat-395006. (T): 0261-2804238; Fax:0261-2572636 Email: eegerc.dgvcl@gebmail.com
MGVCL Forum	Convener, CGRF, Madhya Gujarat Vij Company Ltd., 5 th Floor, SP Vidyut Bhavan, Race Course,Vadodara-390007. (T): 0265-2338103; Fax:0265-2340692 Email: serc.mgvcl@gebmail.com
PGVCL-Rajkot Forum	Convener, CGRF, Paschim Gujarat Vij Company Ltd., Paschim Gujarat Vij Seva Sadan, Registered & Corporate office, Nana Mava main Road, Laxminagar, Rajkot- 360004 (T): 0281-2380425/2380427; Fax:0281-2380428 Email: forum.pgvcl@gebmail.com
PGVCL-Bhavnagar Forum	Convener, CGRF, Paschim Gujarat Vij Company Ltd., Zonal Office,Old Power House Compound, Chavadi Gate, Bhavnagar-364002 (T): 0278-2521760/61-762; Fax :0278-2521763 Email: forumbhavnagar.pgvcl@gebmail.com
PGVCL-Bhuj Forum	Convener, CGRF, Paschim Gujarat Vij Company Ltd., Zonal Office, Power House Compound, Hospital Road, Bhuj (Kutch) – 370001 (T): 02832-258032/253550/255377 Fax:02832-225048 Email: cgrfbhuj.pgvcl@gebmail.com
UGVCL Forum	Convener, CGRF, Uttar Gujarat Vij Company Limited, Registered & Corporate Office, Visnagar Road, Mehsana 384 001(T): (02762) 222080-91 Fax:02762-223574. Email: forum@ugvcl.com



Gujarat Electricity Regulatory Commission

TPL-Ahmedabad Forum	Convener, CGRF, Torrent Power Limited, 1st Floor, New Building, Sola Cross Road, Naranpura Zonal Office, Naranpura, Ahmedabad- 380 013. (T): 079 -25502881 Extn.: 5940 Fax: 079-27492222 Email: consumerforum@torrentpower.com
TPL-Surat Forum	Convener, CGRF, Torrent Power Ltd., Torrent House, 1 st Floor, Station Road, Surat-395003
Ombudsman	Office of the Ombudsman, Barrack No.3, Polytechnic Compound, Ambawadi, Ahmedabad-380015. (T): 079-26302689 Email: ombudsman@gercin.org



ANNEXURE 6 Grievances redressed by CGRFs during FY 2018-19

CGRF	Grievances pending at the end of previous Year	Grievances received during the Year	Total Grievances	Grievances redressed during the Year	Balance Grievances to be attended	Grievances redressed during the Year		Number of cases redressed in favour of Licensee	Number of cases redressed in favour of Consumers	Others	No. of sittings
	1	2	3=1+2	4	5=3-4	within 45 days	After 45 days	Total			
DGVCL	4	173	177	163	14	126	37	163	51	57	35
MGVCL	0	21	21	21	0	21	0	21	14	0	10
PGVCL Rajkot	32	320	352	291	61	157	125	282	136	42	43
PGVCL Bhavnagar	74	194	268	245	23	77	168	245	94	84	56
PGVCL Bhuj	4	24	28	28	0	25	3	28	6	6	13
UGVCL	4	66	70	67	3	65	2	67	24	12	18
TPL Ahmedabad	17	201	218	197	21	173	24	197	24	0	51
TPL Surat	2	20	22	22	0	18	4	22	0	10	52
Total	137	1019	1156	1034	122	662	364	1026	349	211	278

* In case of CGRF Surat DGVCL, three number of cases were pending for issuance of orders as on 1st April, 2019.



ANNEXURE 7
Appeals redressed by the Electricity Ombudsman during FY 2018-19

CGRF	No. of Grievances pending at the beginning of the Year	No. of Grievances received during the Year	Total No. of Grievances	No. of Grievances redressed during the Year			No. of Grievances pending to be redressed at the end of the Year	No. of Grievances disposed within 60 days of receipt	No. of grievances disposed beyond 60 days	No. of sittings
				No. of Grievances redressed in favour of Consumers	No. of Grievances redressed in favour of Licensee	Others				
DGVCL	1	18	19	7	10	1	1	13	5	36
MGVCL	1	7	8	3	4	0	1	7	0	9
PGVCL Rajkot	0	31	31	16	11	4	0	26	5	47
PGVCL Bhavnagar	0	19	19	6	10	2	1	15	3	29
PGVCL Bhuj	0	6	6	2	3	1	0	4	2	17
UGVCL	2	19	21	12	4	3	2	17	2	25
TPL	2	14	16	6	5	3	2	3	11	29
Ahmedabad TPL Surat	1	5	6	3	0	1	2	3	1	7
Total	7	119	126	55	47	15	9	88	29	199



ANNEXURE 8

Status of nature of complaints disposed off by the Electricity Ombudsman during the year 2018-19

Sr. No.	Nature of Complaints	Number of Complaints
1	New Connections	17
2	Extension of load for Agriculture Connections	1
3	PDC Reconnection of Agriculture Connections	-
4	Shifting of Agriculture Connections	2
5	Meter reading disputes	2
6	Load reduction disputes	-
7	Compensation for delay in services	1
8	Release of HT connections and billing	5
9	Recovery of amount against correction factor charges	-
10	Additional load related dispute	3
11	Tariff related	2
12	Estimate related	10
13	Billing related	35
14	Implementation of Forum order	4
15	Meter accuracy and supplementary bill related	9
16	Space for sub-station and related dispute	3
17	Fast meter and refund of amount paid	3
18	Power supply/ Dues related	2
19	To declare the connection released as illegal	1
20	Interest on Security Deposit/ Refund of Security Deposit/ Electricity Duty	2
21	To issue Safety Certificate/ Safety Related	-
22	Reconnection	-
23	Name Change	2
24	To disconnect power supply	1
25	Meter burnt Charges/ Meter related	1
26	Line shifting dispute	3
27	Transformer and Line erection/ Shifting dispute	-
28	Low Voltage complaint	8
29	Interest on credit balance amount in bill	-
30	Notice for disconnection for merger of connection option/ Merger of connection and refund of supplementary bill	-
31	Refund of Transformer Charges	-
32	Departmental inquiry against concerned officers	-
33	Refund of amount paid against Supplementary Bill	-
34	Transformer Erection and Compensation dispute	-
35	Underground cable fault and recovery of charge	-
36	Refund of PF Penalty charge/ Refund of Electricity Duty	-
	Total	117



ANNEXURE 9

Constitution of the State Advisory Committee

1	Shri Anand Kumar, Chairman Gujarat Electricity Regulatory Commission (GERC)	Chairman
2	Shri K. M. Shringarpure, Member Gujarat Electricity Regulatory Commission (GERC)	Member
3	Shri P. J. Thakkar . Member Gujarat Electricity Regulatory Commission (GERC)	Member
4	Shri Roopwant Singh IAS,Secretary, Gujarat Electricity Regulatory Commission, (GERC)	Secretary to the Committee
5	Additional Chief Secretary Energy & Petrochemicals Department Block No.5 Sardar Bhavan, Sachivalaya, Gandhinagar.	Member
6	Senior Officer, Ministry of New & Renewable Energy (MNRE), New Delhi	Member
7	Chairman, Energy Committee, Gujarat Chamber of Commerce and Industry, Ahmedabad.	Member
8	Director, Confederation of India Industry-Gujarat, Western Region-CII Gujarat State Office,Ahmedabad.	Member
9	President,Bhavnagar District Chamber of Industries,Bhavnagar.	Member
10	Chairperson, Electrical and Energy Committee, Federal of Gujarat Industries, Vadodara.	Member
11	Chief Electrical Engineer, Metro-Link Express of Gandhinagar and Ahmedabad (MEGA) Company Limited, Ahmedabad	Member
12	Bhartiya Kisan Sangh-Gujarat, Gandhinagar	Member
13	Khedut Samaj, Gujarat, Ahmedabad	Member
14	President,Gandhinagar Shaher Vasahat Mahamandal,Gandhiagar	Member
15	Centre for Environment Education, Thaltej, Ahmedabad.	Member
16	Electrical Research and Development Association (ERDA),Vadodara	Member
17	Indian Energy Exchange, New Delhi	Member
18	Indian Institute of Management (IIM), Ahmedabad.	Member
19	Indian Institute of Technology (IIT), Palaj, Gandhinagar	Member
20	Shri B. R. Joshi, Ahmedabad	Member



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