



22nd ANNUAL REPORT

Financial Year - 2020-21



GUJARAT ELECTRICITY REGULATORY COMMISSION

Gujarat Electricity Regulatory Commission

22nd Annual Report

Financial Year -2020-21



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Gujarat Electricity Regulatory Commission



The Commission presents the
22nd Annual Report for FY 2020-21
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
BECL	Bhavnagar Energy Company Limited
CEI	Chief Electrical Inspector
CERC	Central Electricity Regulatory Commission
CERS	Consumer Education and Research Society
CIRE	Central Institute of Rural Electrification
CPP	Captive Power Plant
CGRF	Consumer Grievance Redressal Forum
DGVCL	Dakshin Gujarat Vij Company Ltd
DSM	Demand Side Management
DPT	Deendayal Port Trust
EI	Electrical Inspector
EHV	Electrical High Voltage
ESCI	Engineering Staff College of India
ESP	Electro Static Precipitators
FOIR	Forum of Indian Regulators
FOR	Forum of Regulators
FPPPA	Fuel and Power Purchase Price Adjustment
FSA	Fuel Supply Agreement
FGD	Fuel Gas Desulfurization
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.
GLP	General Lighting Purpose
HVDS	High Voltage Distribution System
IIT	Indian Institute of Technology
IOC	Indian Oil Corporation Ltd
KPT	Kandla Port Trust
MGVCL	Madhya Gujarat Vij Company Ltd
MUL	MPSEZ Utilities Ltd.
MTR	Mid Term Review
MYT	Multi-Year Tariff
MOEF&CC	Ministry of Environment, Forest and Climate Change
MSW	Municipal Solid Waste
NTCT	Night Time Concessional Tariff
PDCRC	Permanent Disconnection Consumer Reconnection Charge
PGVCL	Paschim Gujarat Vij Company Ltd.
POC	Parallel Operation Charges
PPA	Power Purchase Agreement
PAF	Plant Availability Factor
RGP	Residential Groups
SSNNL	Sardar Sarovar Narmada Nigam Limited
SAFIR	South Asia Forum for Infrastructure Regulation

GUJARAT ELECTRICITY REGULATORY COMMISSION



SAC	State Advisory Committee
SLDC	State Load Dispatch Centre
SCADA	Supervisory Control and Data Acquisition
SPM	Suspended Particulates Matters
STOA	Short Term Open Access
TPL	Torrent Power Limited
TEL	Torrent Energy Limited
TOU	Time of Use
TOD	Time of Day
UGVCL	Uttar Gujarat Vij Company Ltd



ACTIVITY HIGHLIGHTS OF 2021-22

Determination of Tariff: Truing ups for FY 2019-20, Approval of ARR for FY 2021-22 and Determination of Tariff for FY 2021-22

During the year, the Commission issued Tariff Orders comprising of Truing up for FY 2019-20, Approval of ARR for FY 2021-22 and Determination of Tariff for FY 2021-22. Further during the year, the Commission issued Tariff Orders, comprising truing up for FY 2018-19 and determination of tariff for FY 2020-21.

Disposal of Petitions & Misc. Applications: -

The Commission has disposed of 54 petitions during the Financial Year 2020-21. Total 125 Nos. of Petitions, 1 Appeal and 1 License Application were pending as on 31/03/2021. Also, out of 172 Petitions and 1 License Application, 54 Application was disposed of as on 31/03/2021.

State Advisory Committee	No meeting is held on account of prevailing COVID-19 pandemic and containing its spread.
State Co -Ordination Forum	
Meeting on CGRFs	

Regulations :-

- During the FY 2020-21, the Commission issued Gujarat Electricity Regulatory Commission (Licensee's Power to Recover Expenditure incurred in providing Supply and other Miscellaneous Charges) (Second Amendment) Regulations, 2020, Notification No. 3 of 2020 on 26th June, 2020



1. ORGANIZATIONAL SET-UP OF THE COMMISSION

1.1 THE COMMISSION

During the year, Shri Anand Kumar rendered his service as Chairman and Shri Mehul M. Gandhi and Shri S.R Pandey are hereby appointed by the Government of Gujarat as a Member and took oath as Member. 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. The details of officers and staff of the Commission (as on 31st March, 2021) are given below: -

GUJARAT ELECTRICITY REGULATORY COMMISSION



Sr. No.	Name of the employee	Designation
1	Shri Roopwant Singh, IAS	Secretary
2	Shri D. R. Parmar	Director (Admin & Accounts)
3	Shri S.T. Anada	Joint Director (Technical-1)
4	Shri M. R. Jhala	Joint Director (Technical-2)
5	Vacant	Legal Advisor
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 Wasim Akhtar Ansari	Assistant Director
14	Shri Ketan Thanki	Assistant Director
15	Shri RG Pillai	PA to Chairman
16	Shri PR Sasi	PA to Member
17	Smt. Parul Christian	PA to Member
18	Shri P.S. Mistri	Personal Assistant
18	Shri Umesh A. Gor	Executive
19	Shri Ruchik Sola	Executive (Deputation at CERC)
20	Shri Bakul J. Thakar	Executive
21	Shri Varun V Gupta	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

1. 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 2020-21

3.1 Determination of Tariff

During the year, the Commission issued Tariff Orders, comprising Truing up for FY 2019-20, Approval of Aggregate Revenue Requirement (ARR) and Determination of tariff for FY 2021-22 as per the GERC (MYT) Regulations, 2016 and amended thereof for the below listed generating companies and licensees operating in the state:

- a. Gujarat State Electricity Corporation Ltd. (GSECL)- The State-owned Generating Company;
- b. Gujarat Energy Transmission Corporation Ltd. (GETCO)- The State-owned 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;
- i. 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;

The Commission vide Suo-Motu Order No. 7 of 2020 dated 22nd December, 2020 directed all the concerned utilities to file the tariff petition for FY 2021-22 based on principles and methodology as provided in the GERC (Multi- Year Tariff) Regulations, 2016 on or before 8th January 2021.

The hearing for the Tariff petitions as filed by the Utilities conducted through virtual hearing by Video Conferencing (Microsoft Teams) as per the virtual hearing guidelines of the Commission on account of prevailing COVID 19 pandemic.

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

GUJARAT ELECTRICITY REGULATORY COMMISSION



Truing up for FY 2019-20, Approval of ARR and Determination of tariff for FY 2021-22

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	27.11.2020 & 07.01.2021	09.12.2020 & 11.01.2021 as 1908/2020	3	04.03.2021	30.03.2021
GETCO	27.11.2020 & 04.01.2021	09.12.2020 & 11.01.2021 as 1909/2020	3	04.03.2021	30.03.2021
SLDC	27.11.2020 & 07.01.2021	09.12.2020 & 11.01.2021 as 1910/2020	1	04.03.2021	30.03.2021
DGVCL	27.11.2020 & 08.01.2021	09.12.2020 & 11.01.2021 as 1912/2020	14	05.03.2021	31.03.2021
MGVCL	27.11.2020 & 08.01.2021	09.12.2020 & 11.01.2021 as 1913/2020	14	05.03.2021	31.03.2021
PGVCL	27.11.2020 & 08.01.2021	09.12.2020 & 11.01.2021 as 1914/2020	17	05.03.2021	31.03.2021
UGVCL	27.11.2020 & 08.01.2021	09.12.2020 & 11.01.2021 as 1911/2020	15	05.03.2021	31.03.2021
TPL -G (APP)	08.01.2021	11.01.2021 as 1925/2020	3	09.03.2021	31.03.2021
TPL -D (A)	08.01.2021	11.01.2021 as 1926/2020	8	09.03.2021	31.03.2021
TPL -D (S)	08.01.2021	11.01.2021 as 1927/2020	9	09.03.2021	31.03.2021

* The Commission conducted e-Public hearing for all utilities at one place only i.e. GERC office, Gandhinagar via Video Conferencing (MS Teams) due to COVID-19 Pandemic.

The highlights of the Tariff Orders are detailed below:

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3.2 TRUING UP FOR FY 2019-20, APPROVAL OF ARR FOR FY 2021-22 AND

Determination of tariff for FY 2021-22

As stated above, during the year, the Commission issued Tariff Orders, comprising Truing up for FY 2019-20, Approval of Aggregate Revenue Requirement (ARR) and Determination of tariff for FY 2021-22 for the below listed generating companies and licensees:

(a) Gujarat State Electricity Corporation Ltd. (GSECL)

GSECL is the state owned generation company of the Gujarat and one of the main sources of electricity for the state-owned Distribution licensees in the state.

Performance of GSECL during FY 2019-20

The actual electricity generation from the power plants of GSECL was 20130 MUs against the approved generation of 29850 MUs of the MYT Order dated 31.03.2017. The performance of GSECL with respect to some important operating parameters are tabled below;

Operating Parameters	Performance (Actual in Truing up vis-à-vis Approved in the MYT Order dated 31.03.2017)
Plant Availability Factor (PAF)	All the GSECL stations have higher PAF except for KLTPS (I-III & IV), BLTPS, Dhruvaran-I, II & III, Ukai-VI and W'bori-8
Plant Load Factor (PLF)	All stations had lower PLF except Ukai Hydro & Kadana Hydro
Auxiliary Consumption	Higher for all stations except Kadana Hydro
Station Heat Rate	Higher for all stations except Ukai 3 -5, G'Nagar -3&4, W'bori - (I-VI), Utran Extension & W' bori-8
Secondary Fuel Oil Consumption	Higher for all stations except G'Nagar -V, W'bori -7, TPS - (IV) & Ukai -VI
Transit Loss	Lower for all GSECL stations except KLTPS

True-up of FY 2019-20

While truing up for the year FY 2019-20, the various components of ARR were compared with the approved figures as per the Tariff order vide case no. 1756/2018 dated 24th April, 2019. The Commission computed the gains and losses for FY 2019-20 based on Truing up for each of the components. Excluding the PPA based stations, the Commission approved the revised ARR of Rs. 1489.67 Cr. for FY 2019-20 compared to approved ARR of Rs. 1615.21 Cr.



in the Case no. 1756/2018 dated 24th April, 2019. The Commission approved the net gain of Rs. 89.66 Crore in the Truing up for FY 2019-20. Further, the Commission approved unabsorbed depreciation of Rs. 111.30 Crore of Ukai 1&2 on account of decommissioning of these units. Therefore, the net loss of Rs. 21.64 Crore approved was to be recovered from the four DISOCMs in 12 equal monthly instalments through GUVNL.

Determination of ARR for FY 2021-22

The Commission has approved the ARR of FY 2021-22 for GSECL in the Tariff Order vide case no. 1908/2020 dated 30th March, 2021. The Commission has approved annual fixed charges for FY 2021-22 as Rs. 4754.43 Crore in the above-mentioned tariff order of GSECL. Further, the Commission has also determined the energy charges of all the stations of GSECL for FY 2021-22.

GSECL has been directed to submit details of the capital spares capitalised for FY 2020-21 and onwards along with every MYT/Tariff Petition and comprehensive assessment report on ESP (Electro Static Precipitators) Retrofitting works covering the details with reference to meet the SPM (Suspended Particulates Matters) norms specified by Ministry of Environment, Forest and Climate Change (MoEF&CC). GSECL has also been directed to take a holistic view on the Renovation and Modernization works claimed/proposed to be taken up every year as well as consider future Generation projects, after keeping the overall power purchase scenario in the State and submit the comprehensive assessment report.

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

GETCO is the state transmission utility owning and operating the main EHV network in the state.

Performance of GETCO during FY 2019-20

In FY 2019-20, GETCO performed well by keeping its system availability higher and system losses at lower level than those approved by the Commission. Availability of GETCO system remained at 99.40% in FY 2019-20 against 98.50% approved in the GERC (MYT) Regulations, 2016.



True-up of FY 2019-20:

While truing up for the year 2019-20, the various components of ARR and the actual revenue were compared with the approved figures as per the MYT order vide case no. 1620/2016 dated 31st March, 2017. The Commission computed the gains and losses for FY 2019-20 based on Truing up for each of the components. The Commission arrived at a Surplus of Rs. 16.44 Crore in truing up of FY 2019-20 which was carried forward to the ARR of FY 2020-21 for determination of transmission charges.

Determination of Transmission Charges for FY 2021-22

The Commission has approved the ARR of Rs. 4469.66 Crore for GETCO for FY 2021-22 as per the Tariff Order vide case no. 1909/2020 dated 30th March, 2021. Based on this approved ARR of FY 2021-22 and truing up surplus of FY 2019-20, the approved Transmission Tariff against that estimated by GETCO for 2021-22 as under;

Particulars	Transmission Tariff estimated by GETCO	Transmission Tariff approved by the Commission
Transmission tariff Rs./MW/day	4567.02	4252.37

Further, the Commission approved the transmission charges payable in case of short-term collective transactions through Power Exchange as 36.42 Paise per Unit.

GETCO has been directed to submit detailed calculation of system availability according to the applicable GERC (MYT) Regulations, describing all transmission elements categorised voltage-wise and element-wise and also submit the voltage-wise asset break-up and O&M expenses across different voltages. GETCO has been further directed submit a complete proposal including suggestions for determination of Threshold Limit, and the kind of projects can be taken up under TBCB, etc.

(c) State Load Despatch Centre (SLDC)

SLDC has been constituted as per the Electricity Act, 2003 and is the apex body to ensure the integrated operation of the power system grid in the state.



Truing up of FY 2019-20:

While truing up for the year 2019-20, the various components of ARR and the actual revenue were compared with the approved figures as per the MYT order vide case no. 1620/2016 dated 31st March, 2017. The Commission approved the revised ARR of Rs. 3213.33 lakh (including Surplus apportioned for FY 2019-20 by Commission in Order dated 31st March, 2018 in Case No. 1691 of 2017 amounting Rs. 632.24 Lakh and revenue Gap approved in truing up for 2017-18 after adjustment of past period Gap amounting to Rs. 932.76 Lakh). Based on the revenue from SLDC Fees and charges, the Commission approved the revenue surplus of Rs. 28.08 lakh in the truing up for FY 2019-20. This gap was carried forward to ARR of FY 2021-22 for determination of Fees and Charges.

Determination of Fees and Charges for FY 2021-22

The Commission approved ARR of Rs. 2842.23 Lakh for SLDC for FY 2021-22 in the Tariff Order vide case no. 1910/2020 dated 30th March, 2021. Based on this approved ARR of FY 2021-22 and the adjustment on accounting of truing up for FY 2019-20, the Commission approved the annual charges of SLDC at Rs. 2814.15 Lakh for FY 2021-22, and the grid connection fees at Rs. 10,000/-. The total annual SLDC Charges, as approved above, shall be recoverable as per the formula specified in Regulation 82 of the GERC (Multi-Year Tariff) Regulations, 2016.

SLDC has been directed to follow the ABT and Forecasting/ scheduling process as per the Commission's Orders and Regulations and any non-compliance or non-adherence of Regulation(s)/Order(s) by any concerned / Generator / licensee shall be dealt with as per rules.

(d,e,f,g) State Owned Distribution Companies - DISCOMs (DGVCL, MGVL, PGVCL and UGVCL)

The four state owned distribution companies were entrusted with the task of distributing power in four different regions (south, central, west and north) of the state.

Performance of DISCOMs during FY 2019-20

Approved vis-à-vis Actual Distribution Losses of the four distribution companies in FY 2019-20 is shown in the Table below:

GUJARAT ELECTRICITY REGULATORY COMMISSION



Name of DISCOMs	Approved Losses as per the MYT Order	Actual Losses
DGVCL	9.90	3.04
MGVCL	11.60	9.15
PGVCL	17.00	17.85
UGVCL	9.70	6.73

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

Truing up of FY 2019-20:

While truing up for the FY 2019-20 for each DISCOMs, the various components of ARR were compared with the approved figures as per the Mid-Term Review (MTR) Order dated 24th April, 2019. The Commission computed the gains and losses for FY 2019-20 based on truing up for each of the components. The revised ARR approved in true-up of FY 2019-20 (including Surplus/(Gap) of True-Up for FY 2017-18) and ARR approved in the MTR Order dated 24th April, 2019 is shown in the Table below;

ARR Approved (Rs. Crore)

Name of DISCOM	ARR Approved for FY 2019-20 in the MTR Order	ARR Approved in True-up of FY 2019-20
DGVCL	12921	13222
MGVCL	6461	6004
PGVCL	17182	17202
UGVCL	12343	12299

The Commission approved the revenue (Gap)/Surplus for FY 2019-20 for four state owned DISCOMs after considering the allocation of GUVNL profit, are as shown in the Table below;

Revenue (Gap)/Surplus for FY 2019-20 (Rs. Crore)



Name of DISCOM	Revenue (Gap)/Surplus
DGVCL	812.88
MGVCL	409.41
PGVCL	303.73
UGVCL	450.02

There has been a Cumulative Surplus of Rs. 1,976.03 Crore (Consolidated for all Discoms) after Truing-Up in FY 2019-20. The Commission has not been giving any treatment because there is a likelihood of additional liabilities of amount of Rs. 3,595.33 Crore which may arise in the subsequent years as payment towards the liability to the generators under PPAs on account of various judgement of the courts and for which the Discoms had projected and raised the claim for Rs. 3,595.33 Crore. The Commission shall give the necessary treatment/ adjustments in the year as and when the liability gets materialised and payment is made, subject to claim in the respective year for Truing-Up and prudence check by the Commission.

The Commission in its MTR Tariff Order for FY 2019-20 dated 24th April, 2019 for the Petitioner had stated that there is a pending Ag. Subsidy of Rs. 1,665 Crore for FY 2017-18 from Government of Gujarat. As per Section 65 of the Electricity Act, 2003, the subsidy was required to be released in advance. GUVNL has requested Government of Gujarat for release of this outstanding subsidy amount.

Accordingly, after consideration of the amount of outstanding subsidy, the resultant surplus works out to Rs. 3,641.03 Crore (Rs.1,665.00 Cr + Rs.1,976.03 Cr) for FY 2019-20.

Determination of tariff for FY 2021-22

The Commission approved ARR of FY 2021-22 for the four state owned DISCOMs such as DGVCL, MGVCL, PGVCL and UGVCL in the Tariff Order vide Case Nos. 1912/2020, 1913/2020, 1914/2020 and 1911/2020 respectively dated 31st March, 2021 . Further, the Commission determined the tariff based on this approved ARR of FY 2021-22.

The approved ARR for FY 2021-22 for each DISCOMs is as shown in the Table below;

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Name of DISCOM	Approved ARR for FY 2021 -22
DGVCL	14900
MGVCL	6837
PGVCL	17636
UGVCL	13234

For the sales revenue calculations, the Commission applied the existing tariff with FPPPA charges of Rs. 1.80 per kWh to the total category-wise sales, as approved in these Orders. By this, the Commission arrived at the consolidated (Gap)/Surplus of the four state owned distribution licensees for FY 2021-22. The (Gap)/Surplus as estimated by the Commission for FY 2021-22 for each DISCOMs is as shown in the below Table:

Revenue (Gap)/Surplus for FY 2021-22 (Rs. Crore)

Name of DISCOM	Revenue (Gap)/Surplus
DGVCL	413.36
MGVCL	208.98
PGVCL	620.49
UGVCL	475.42

The Commission approved the consolidated Surplus for FY 2021-22 as Rs. 1718.25 crore, as compared consolidated Gap of Rs. 852.58 estimated by the State-owned DISCOMs.

The Commission has not given any treatment of this amount as this has been on estimated basis and also an exception in the extended MYT period of one year i.e. FY 2021-22. Hence, the Commission has not proposed to change the present tariff structure.

Highlights of the Tariff Orders

- No increase in power tariff for the consumers of State owned DISCOMs
- Base FPPPA charge is integral part in the computation of the total FPPPA charge being charged in electricity bill of consumers and as there is no change in recovery mechanism for FPPPA charge, there will not be any increase in the electricity bill of the consumers of State owned Discoms due to change in

Base FPPPA charge for FY 2021-22.

Commission's directives to the DISCOMs

The Commission has given following directions;

- Submit yearly DSM, Additional DSM, Sign deviation charge details of DSM charges paid and earned including penalty levied on/ collected
- Carry out study the tariff slabs of major consumer categories in other leading / neighbouring States and explore options for further rationalization and reduction in number of slabs.
- Submit the status report highlighting the efforts made for follow- up with concerned stakeholders such as State and Central Government regarding the amount of Interest and Loan likely to be converted into grant.
- To analyse and prepare report on Introduction of Green Tariff for the consumers in the State of Gujarat who are willing to procure such power
- Necessary participation in the scheme for introduction of Smart pre-payment Meter and pre-payment Meter and also switching over to smart pre-payment/ pre-payment meters in a time bound manner which will help in improvement of metering, billing and collection.
- Suggest to explore the possibility for creation of Charging Infrastructure for Electric Vehicles in its area and may come up with separate capital expenditure plan along with next petition.

(h) Torrent Power Ltd.- Generation (TPL-G)

TPL(G) is the private owned generating company of Torrent Power Ltd. The generation station at Ahmedabad consists of a 362 MW coal based Thermal Power Plant, comprises of D-Station (120 MW), E-Station (121 MW), F-Station (121 MW).

Performance of TPL(G) during FY 2019-20

The electricity generation from TPL(G) was 2318 MUs against the approved generation of 2840 MUs of the MTR Order dated 24.04.2019. The performance of

TPL (G) with respect to some important operating parameters are tabled below:

Operating Parameters	Performance (Actual in Truing up vis -à-vis Approved in the MTR Order dated 24.04.2019)
Plant Availability Factor (PAF)	More for all the stations except E Station as compared to approved in the MTR Order.
Plant Load Factor (PLF)	Lower for all the stations as compared to approved in the MTR Order.
Auxiliary Consumption	Lower for all stations except D Station as compared to approved in the MTR Order.
Station Heat Rate	Lower for all the stations except D Station as compared to approved in the MTR Order.
Secondary Fuel Oil Consumption	Lower for all stations as compared to approved in the MTR Order.
Transit Loss	Lower for all stations as compared to approved in the MTR Order.

True-up of FY 2019-20

While truing up for FY 2019-20, the various components of ARR were compared with the approved figures as per the MTR Order dated 24.04.2019. The Commission computed the gains and losses for FY 2019-20 based on Truing up for each of the components. The Commission approved the revised ARR of Rs. 1012.88 Crore against approved ARR of Rs. 1126.85 Crore approved in the MTR Order. The revised ARR was considered to work out the power purchase cost of power purchased from TPL-G (APP) for FY 2019-20 in ARR of TPL Distribution.

Determination of Generation Charges for FY 2021-22

The Commission approved ARR of Rs. 1157.34 Crore for TPL-G for FY 2021-22 in the Tariff Order vide Case No. 1925 of 2021 dated 31st March, 2021. This has been considered in the approved power purchase cost of power purchased from TPL-G (APP) for FY 2021-22 in the ARR of TPL Distribution.

TPL-G has been directed to submit the consolidated plan for Capex for FGD for TPL-G (APP) along with cost benefit analysis with respect to consumers.

(i,j) Torrent Power Ltd.- Distribution (Ahmedabad & Surat)

Performance of TPL-D during FY 2019-20

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Approved vis-à-vis Actual Distribution Losses of TPL-Distribution in FY 2019-20 is shown in the Table below:

Distribution Losses: Approved vis-à-vis Actual (in %)

Particular	Approved Losses as per the MTR Order	Actual Losses
TPL -Ahd.	6.70	4.98
TPL -Surat	3.64	3.43

It was observed that distribution losses for TPL-Ahd. & TPL-Surat was reduced than that of approved by the Commission in the MTR Order dated 24th April, 2019.

True-up of FY 2019-20:

While truing up for the FY 2019-20, the various components of ARR were compared with the approved figures as per the MTR Order dated 24th April, 2019. The Commission computed the gains and losses for FY 2019-20 based on truing up for each of the components. The revised ARR approved in true-up of FY 2019-20 and ARR approved in the MTR Order dated 24th April, 2019 is shown in the Table below:

ARR Approved (Rs. Crore)

Particular	ARR Approved for FY 2019 -20 in the MTR Order	ARR Approved in True Up of FY 2019-20
TPL -Ahd.	5176.94	5660.53
TPL -Surat	2074.34	2238.00

The revenue gap/(surplus) for FY 2019-20 (Rs. Crore);

Particular	Revenue gap/(surplus)
TPL -Ahd.	250.50
TPL -Surat	(5.61)

The Commission addressed these amounts while determining the tariff of FY 2021-22 for the above-mentioned utilities.

Determination of Tariff for FY 2021-22

The Commission has approved the ARR of FY 2021-22 for the TPL-Distribution such as TPL-Ahd. & TPL-Surat respectively in the Tariff Orders vide Case Nos. 1926/2021 & 1927/2021 respectively dated 31st March, 2021. Further, the Commission determined the tariff based on this approved ARR of FY 2021-22 and revenue Gap/(Surplus) from truing up of FY 2019-20.

The approved ARR for FY 2021-22 for TPL-Distribution is as shown in the Table below;

ARR Approved (Rs. Crore)

TPL -Distribution	Approved ARR for FY 2021-22
TPL -Ahd.	5133.56
TPL -Surat	2038.61

For the sales revenue calculations, the Commission applied the existing tariff with FPPPA charges of Rs. 1.82 per kWh for TPL-D (Ahd.) and Rs. 1.38 per kWh for TPL-D (Surat) respectively to the total category-wise sales, as approved in these Orders. By this, the (Gap)/Surplus as estimated by the Commission for FY 2021-22 for TPL-Distribution after adjusting the (Gap)/Surplus of FY 2019-20, DSM and also the adjustment towards Carrying cost for FY 2019-20 as shown in the below table;

Revenue Gap/(Surplus) for FY 2021-22 (Rs. Crore)

Name of DISCOM	Revenue Gap/(Surplus)
TPL -Ahd.	67.93
TPL -Surat	(68.01)

To address the revenue gap of TPL-D(Ahd.), the Commission has revised the tariff of all the categories of the consumers in the energy slabs except BPL, RGP (50 units slab) and GLP.

In the case of TPL-D (Surat), The Commission has not given any treatment of this amount as this has been on estimated basis. Hence, the Commission has not proposed to change the present tariff structure.

As stated above, the Commission has continued to keep the base FPPPA charge to Rs. 1.82 / kWh, subject to ceiling limit of present FPPPA of Rs. 2.11 / kWh for TPL-D (Ahd.) and Rs. 1.38 / kWh for TPL-D (Surat) respectively for FY 2021-22.

Highlights of the Tariff Orders

- No change in tariff for the consumers covered under BPL category and small residential consumers where consumption covered in first slab of 50 units per month for Torrent Power Limited (Ahmedabad-Gandhinagar area).
- Similarly, there is no change in tariff for the consumers covered under GLP category for Torrent Power Limited (Ahmedabad-Gandhinagar area).
- Energy Charges for the residential consumers' consumption slab of 51 units to 200 units per month is increased by 5 paise per unit for Torrent Power Limited (Ahmedabad-Gandhinagar area).
- Energy Charges for all the remaining consumers including Residential consumers consuming electricity above 200 units per month, are increased by 10 paise per unit for Torrent Power Limited (Ahmedabad-Gandhinagar area).
- No increase in power tariff for the consumers of TPL-D (Surat)

Commission's directives to TPL- D (Ahd. & Surat)

The Commission has given following directions;

- To carry out a detailed study of the load growth and power requirement for the next decade and accordingly strategy to meet the requirement from conventional and RE sources till FY 2029- 30
- To conduct a study to assess technical losses for all the voltage class feeders and some selected LT lines and compute voltage wise cost of supply i using above data for FY 2020-21.

3.3 Truing up for FY 2018-19 and Determination of tariff for FY 2020-21

As stated above, during the year, the Commission also issued Tariff Orders, comprising Truing up for FY 2018-19 and Determination of tariff for FY 2020-21 for the below listed

utilities;

- MPSEZ Utilities Ltd. (MUL)
- AspenPark Infra Vadodara Private Limited (AIVPL)
- Deendayal Port Trust (Truing up of FY 2011-12 to FY 2015-16, Approval of Multi Year ARR for FY 2016-17 to FY 2020-21, Truing up for FY 2016-17 and FY 2017-18 and Determination of Tariff)
- GIFT Power Company Limited (GIFT PCL)

a. MPSEZ Utilities Ltd. (MUL)

Performance of MUPL during FY 2018-19

MUL reported distribution losses of 3.46 % in FY 2018-19 against 4.00% approved in the MYT Order.

Truing up for FY 2018-19

While truing up for the FY 2018-19, the various components of ARR were compared with the approved figures as per the MYT order for FY 2018-19. The Commission computed the gains and losses for FY 2018-19 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 MUL is shown in the Table below:

Aggregate Rev. Requirement Approved for FY 2018-19 (Rs. Crore)

Particular	Approved in the MYT Order	Approved in Truing Up
MUL	253.45	163.09

The Commission approved the trued-up gap of FY 2018-19 as Rs. 9.69 Crore against Rs. 10.94 Crore gap claimed by MUL. This trued up gap was considered by the Commission for determination of tariff for FY 2020-21.

Determination of tariff for FY 2020-21

The Commission considered the ARRs of FY 2020-21 for MUL as per the ARR approved for the FY 2020-21 in the MTR order dated 30th July, 2019. Further, the Commission determined

the tariff based on this approved ARR of FY 2020-21 and revenue (Gap)/Surplus from truing up of FY 2018-19.

The Commission approved ARR of FY 2020-21 for MUL in the MTR order dated 30th July, 2019, which is shown in the below table:

Approved ARR for FY 2020-21 (Rs. Crore)

Particular	FY 2020-21
MUL	182.73

For the sales revenue calculations, the Commission continued with the existing tariff of FY 2019-20. This left a surplus of Rs. 2.75 Crore which shall be considered in the Truing up exercise.

Further, the Commission decided to introduce a Sub-category: BPL (Below Poverty Line) Household Consumers under the 'Residential' Category with a subsidised rate of 150 Paise per unit for the first 50 units of consumption in line with other Discoms.

MUL was directed to keep a proper record of all the assets which is approved for capitalization during the years along with the necessary details, including date of commissioning / testing, date of loading (maximum and minimum during the period), time and cost overrun with respect to the approved projections.

b. AspenPark Infra Vadodara Private Limited (AIVPL)

Performance of AIVPL during FY 2018-19

AIVPL reported distribution losses of 1.97 % in FY 2018-19 against 2.47% approved in the MYT Order.

Truing up for FY 2018-19

While truing up for the FY 2018-19, the various components of ARR were compared with the approved figures as per the MYT order for FY 2018-19. The Commission computed the gains and losses for FY 2018-19 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 AIVPL is shown in the Table below:

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Aggregate Rev. Requirement Approved for FY 2018-19 (Rs. LAKH)

Particular	Approved in the MYT Order	Approved in Truing Up
AIVPL	832.76	733.13

The Commission approved the trued-up surplus of FY 2018-19 as Rs. 20.03 Lakh against the same surplus claimed by AIVPL. This trued up surplus was considered by the Commission for determination of tariff for FY 2020-21.

Determination of tariff for FY 2020-21

The Commission considered the ARR of FY 2020-21 for AIVPL as per the ARR approved for the FY 2020-21 in the MTR order dated 31st July, 2019. Further, the Commission determined the tariff based on this approved ARR of FY 2020-21 and revenue (Gap)/Surplus from truing up of FY 2018-19.

The Commission approved ARR of FY 2020-21 for AIVPL in the MTR order dated 31st July, 2019, which is shown in the below table:

Approved ARR for FY 2020-21 (Rs. LAKH)

Particular	FY 2020-21
AIVPL	784.31

For the sales revenue calculations, the Commission continued with the existing tariff of FY 2019-20. This left a surplus of Rs. 56.11 Lakh which shall be considered in the Truing up exercise. The Commission decided not to pass on the Cumulative Surplus of Rs. 56.11 Lakh in the revised Tariffs for FY 2020-21, and retains the category-wise Tariffs at the same level as decided for MGVCL.

c. Deendayal Port Trust (DPT) (Truing up of FY 2011-12 to FY 2015-16, Approval of Multi Year ARR for FY 2016-17 to FY 2020-21, Truing up for FY 2016-17 and FY 2017-18 and Determination of Tariff)

Truing up for FY 2011-12 to FY 2017-18

While truing ups for FY 2011-12 to FY 2017-18, the various components of ARR were

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compared with the approved figures for those financial years. The Commission has not trued-up the expenses for FY 2011-12 to FY 2017-18, and has not shared the gains and losses due to controllable factors. Revised ARR approved by the Commission after true-up and ARR approved Tariff orders for DPT is shown in the Table below:

Aggregate Rev. Requirement Approved for FY 2011-12 to FY 2017-18 (Rs. Lakh)

Financial Years	Approved in the Tariff Order	Approved in Truing Up
FY 2011-12	1288.74	1933.92
FY 2012-13	1394.55	1905.75
FY 2013-14	1509.85	2074.00
FY 2014-15	1631.91	2233.74
FY 2015-16	1793.11	2108.71
FY 2016-17	1976.82	
FY 2017-18	2089.47	

The Commission had not trued-up the expenses for FY 2011-12 to FY 2017-18, and had not shared the gains and losses due to controllable factors. Further, the Commission had not considered any Revenue Gap/(Surplus) till FY 2018-19. Hence, the Commission had not computed the Revenue Gap/(Surplus) for the period from FY 2011-12 to FY 2017-18.

Determination of tariff for FY 2019-20

The Commission considered the ARR of FY 2019-20 for DPT as per the ARR approved for the FY 2019-20 in the Tariff order vide Case Nos. 1810 of 2019 & 1811 of 2019 dated 29th September, 2019, which is shown in the below table:

Particular	FY 2020-21
DPT	1893.37

The Commission has retained the existing tariff, as there is insufficient authentic data for revising the tariffs based on the provisional computations done. As stated earlier, Truing Up has not been done for the previous years and the Revenue Gap/(Surplus) of previous years is also not being passed through.

DPT was directed to enter into long-term/medium-term PPA to optimize the power procurement cost as per the Guidelines for Procurement of Power by Distribution Licensees and also to explore the possibility of tying up long-term/medium-term power procurement sources through competitive bidding, for the major part of its projected demand.

d. GIFT Power Company Limited (GIFT PCL)

Performance of GIFT PCL during FY 2018-19

GIFT PCL reported distribution losses of 5.56 % in FY 2018-19 against 5.50% approved in the Tariff Order.

Truing up for FY 2018-19

While truing up for the FY 2018-19, the various components of ARR were compared with the approved figures as per the Tariff order for FY 2018-19. The Commission computed the gains and losses for FY 2018-19 based on Truing up for each of the components. Revised ARR approved by the Commission after true-up and ARR approved in the Tariff order for GIFT PCL is shown in the Table below:

Aggregate Rev. Requirement Approved for FY 2018-19 (Rs. Crore)

Particular	Approved in the MYT Order	Approved in Truing Up
GIFT PCL	27.60	16.43

The Commission approved the trued-up gap of FY 2018-19 as Rs. 3.04 Crore against Rs. 16.82 Crore gap claimed by GIFT PCL. This trued up gap was considered by the Commission for determination of tariff for FY 2020-21.

Determination of tariff for FY 2020-21

The Commission has considered the ARR approved for FY 2020-21 in the Tariff Order dated 31st July, 2019. Further, the Commission determined the tariff based on this approved ARR of FY 2020-21 and revenue (Gap)/Surplus from truing up of FY 2018-19.

The Commission approved ARR of FY 2020-21 for GIFT PCL in the Tariff order dated 31st July, 2019, which is shown in the below table:

Approved ARR for FY 2020-21 (Rs. Crore)

Particular	FY 2020-21
GIFT PCL	35.50

For the sales revenue calculations, the Commission calculated the revenue from sale of power for FY 2020-21 applying the approved retail supply tariff for UGVCL by the Commission with base FPPPA of Rs.1.59 per unit and arrived an estimated Gap of Rs. 9.18 after considering the revenue gaps for the FY 2013-14 to FY 2018-19 along with carrying cost.

The Commission decided that the UGVCL's tariff approved in the Commission's Tariff Order dated 31st March, 2020 would be the maximum ceiling for retail supply in the GIFT City.

3.2 STATUS IN THE CONTEXT OF THE NATIONAL ELECTRICITY POLICY

3.2.1 Metering Plans:

Metering of un-metered Agriculture Connections during FY 2020-21

The Gujarat Electricity Regulatory Commission has prioritized on 100% metering of un-metered agriculture connections and issued timely directives to Distribution Licensees in this regard. 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 2020-21 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:	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21
DGVCL	174825	187270	130980	143752	43845	43518	327	1313	76.76	78.70
MGVCL	165328	178863	139313	153045	26015	25818	211	80	85.56	86.50
PGVCL	952004	1034525	784656	868290	167348	166235	1113	220	83.93	84.54
UGVCL	364969	380956	212570	228927	152399	152029	370	482	60.09	61.97

Other Important Issues

1. Replacement of Electromechanical Meters with Static Meters

The Commission has always emphasized on equipping consumers with Meters having

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updated technologies and accordingly, has been directing Distribution Companies to replace old Electromechanical Meters with Static Meters and monitoring the progress in this regard. During FY 2020-21, progress made by Distribution Companies in replacing Electromechanical Meters with Static Meters as under;

Discom	QTR	No. of Electromechanical meters at the start		No. of electromechanical meters replaced with static meters during the quarter		No. of Electromechanical Meters pending for replacement		% of electromechanical meters replaced with static meters	
		2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21
DGVCL	Q1	522455	377398	22411	17695	500044	359703	4.29%	4.69%
	Q2	500044	359703	12693	51518	487351	308185	2.54%	14.32%
	Q3	487351	308185	69466	22748	417885	285437	14.25%	7.38%
	Q4	417885	285437	40487	16879	377398	268558	9.69%	5.91%
MGVCL	Q1	339836	84254	87728	372	252108	83882	25.81%	0.44%
	Q2	252108	83882	45435	11422	206673	72460	18.02%	13.62%
	Q3	206673	72460	95231	24263	111442	48197	46.08%	33.48%
	Q4	111442	48197	27188	42164	84254	6033	24.40%	87.48%
PGVCL	Q1	43383	20995	9381	0	34002	20995	21.62%	0.00%
	Q2	34002	20995	9172	1462	24830	19533	26.97%	6.96%
	Q3	24830	19533	3565	1816	21265	17717	14.36%	9.30%
	Q4	21265	17717	270	1173	20995	16544	1.27%	6.62%
UGVCL	Q1	553116	181206	26742	3657	526374	177549	4.83%	2.02%
	Q2	526374	177549	187823	28375	338551	149174	35.68%	15.98%
	Q3	338551	149174	139175	64618	199376	84556	41.11%	43.32%
	Q4	199376	84556	18170	65125	181206	19431	9.11%	77.02%
TPL -A	Q1	136511	121051	4375	725	132136	120326	3.20%	0.60%
	Q2	132136	120326	4726	2372	127410	117954	3.58%	1.97%
	Q3	127410	117954	3491	2995	123919	114959	2.74%	2.54%
	Q4	123919	114959	2868	3271	121051	111688	2.31%	2.85%
TPL -S	Q1	567	508	14	5	553	503	2.47%	0.98%
	Q2	553	503	17	6	536	497	3.07%	1.19%
	Q3	536	497	24	9	512	488	4.48%	1.81%
	Q4	512	488	4	28	508	460	0.78%	5.74%



2. Providing Earth Terminal at Existing Connections

In compliance to directive of the Commission, each connection has been released with Earth Terminal after January 2012. However, existing connections did not have earth terminal. The Commission has directed to provide earth terminal to all existing LT connections and accordingly, Discoms have been providing the same. Progress made in providing earth terminal to existing LT connections during FY 2020-21 is as under;

Month FY-2020-21	Total number of consumers as on December 2011	Earth terminal provided till end of the month	Earth terminal to be provided as on end of the month	% Of earth terminal provided
April	11726797	10622391	1104406	90.58%
May	11726797	10649465	1077332	90.81%
June	11726797	10710111	1016686	91.33%
July	11726797	10740113	986684	91.59%
August	11726797	10755611	971186	91.72%
September	11726797	10785219	941578	91.97%
October	11726797	10823045	903752	92.29%
November	11726797	6781908	868346	57.83%
December	11726797	10896169	830628	92.92%
January	11726797	10990054	736743	93.72%
February	11726797	11112092	614705	94.76%
March	11726797	11260151	466646	96.02%

As can be seen, at the end of the year, 96% existing connections have been provided with earth terminals.

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 Generation, Transmission, SLDC and Distribution Licensee including SEZs with appropriate modifications. The Commission considered the depreciation rates for the utilities in the truing up of FY 2019-20 as stated above.

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 as specified in 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 dated 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 remained 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 FPPPPA 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 2020-21 is shown in the below Table;

FY 2020-21	State Owned DISCOMs	TPL (Ahd.)	TPL (Surat)	TPL -Dahej	MPSEZ
Apr.'20 to Jun.'20	1.90	2.11	2.11	0.97	0.10 (Apr.20) 0.20 (May.20 Jun.20)
Jul.'20 to Sept.'20	2.00	2.11	2.11	0.69	0.30
Oct.'20 to Dec.'20	1.81	2.11	2.11	0.59	0.30
Jan.'21 to Mar.'21	1.81	2.11	1.97	0.42	0.30

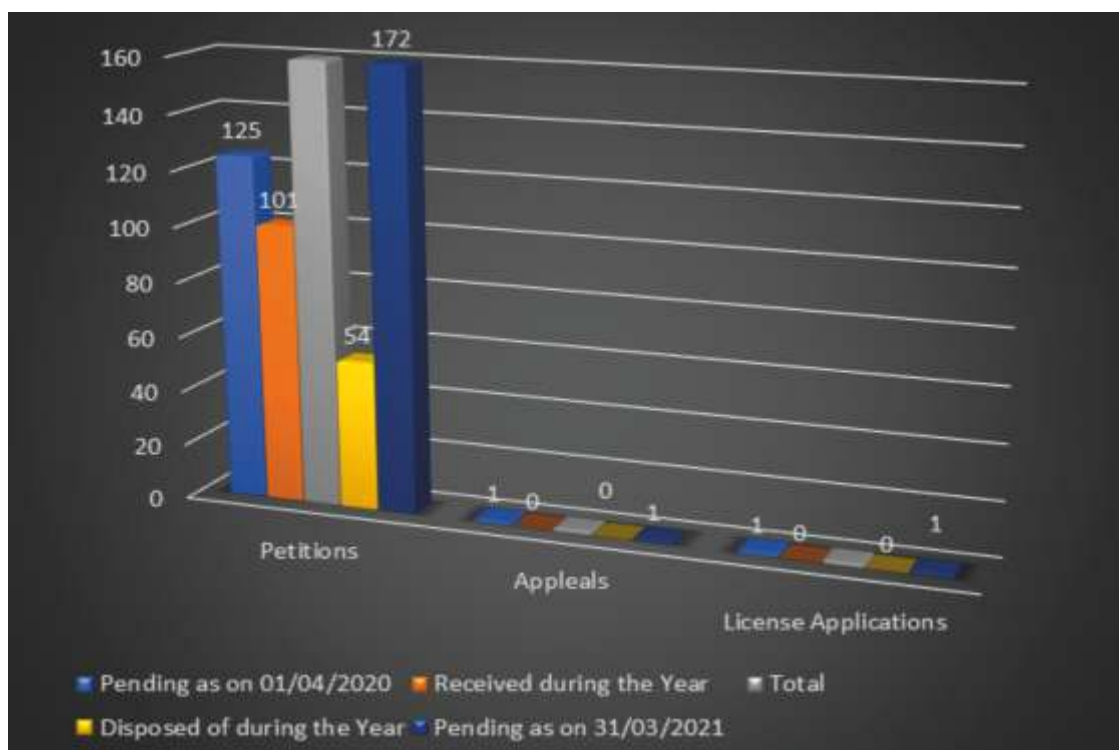
Information regarding FPPPA recovery and the FPPPA calculations submitted to the Commission for approval are kept on the website of Licensees.

3.4 DISPOSAL OF PETITIONS AND APPEALS:

Office of the Commission received 101 Nos of petition during FY 2020-21. The Commission has disposed of 54 Nos. of petitions during the FY 2020-21. Accordingly, total 172 Nos. of Matters comprising of 172 Nos of petitions 1 Appeal and License Application were pending as on 31.03.2021.

Particulars	Pending as on 1.04.20-20	Received during the Year	Total	Disposed of during the Year	Pending as on 31.03.20 21
Petitions	125	101	226	54	172
Appeals	1	0	1	0	1
License Application	1	0	1	0	1
Total	127	101	228	54	174

The details of Petitions disposed of during the FY 2020-21 are depicted in **Annexure-3**



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.

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



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established by Distribution Utilities in accordance with provisions of the Electricity Act, 2003 and GERC (Consumer Grievances Redressal Forum and Ombudsman) Regulations, 2011.

As, directed by the Commission during FY 2019-20 to establish one number of Forum in addition to the existing Forum/s functioning in the Discoms' license area, the process is completed and following additional CGRFs have been established:

- **Valsad** - CGRF, Dakshin Gujarat Vij Company Limited
- **Godhra** - CGRF, Madhya Gujarat Vij Company Limited
- **Junagadh** - CGRF, Paschim Gujarat Vij Company Limited
- **Mehsana** - CGRF, Uttar Gujarat Vij Company Limited
- **Gandhinagar** - CGRF, Torrent Power Limited - Distribution (Ahd.)

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 CGRFs of PGVCL Bhavnagar, PGVCL Junagadh, UGVCL Mehsana and TPL-D (A) Ahmedabad were carried out.

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 2020-21, No meeting is held on account of prevailing COVID-19 pandemic and containing its spread.

3.7 TRAINING PROGRAMME

Total 10 Nos of Training/workshops etc. online attended by Staff Members of GERC during the Year 2020-21 (01.04.2020 to 31.03.2021):

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

Chairman, who is Members - No meeting is held on account of prevailing COVID-19 pandemic and containing its spread.

3.9. IMPORTANT ORDERS/REGULATIONS

3.9.1 Additional Surcharge:

The Commission vide order dated 12.03.2014 in Petition No. 1302 of 2013 decided the applicability of Additional Surcharge to the Open Access consumers. Methodology for computation of Additional Surcharge was also determined by the Commission in the said order after consultation with all the Stakeholders. Further, it was decided that the rates of additional surcharge for the subsequent periods shall be determined on the similar methodology on the basis of data to be furnished by the GUVNL and directed GUVNL to furnish data along with certificate of practicing Chartered Accountant for each six monthly period of October to March and April to September within 30 days of completion of the 6 months period based on Regulation 25 (3) of the GERC (Terms and Conditions of Intra-State Open Access) Regulations, 2011 and it was decided that the Additional Surcharge shall be determined on the above data for the subsequent 6 months period, i.e. the additional surcharge determined on the basis of data for April to September of a particular year shall be applicable for April to September period of next year and so on. The Commission has



been determining Additional Surcharge on six monthly basis based on the data being furnished by GUVNL and accordingly for FY 2020-21 the Commission has determined additional surcharge of Rs. 0.37/unit for April, 2020 to September 2020 and Rs. 0.60/unit for October, 2020 to April, 2021, vide Order No. 1 of 2020 and 5 of 2020 respectively.

3.9.2 Gujarat Electricity Regulatory Commission (Licensee's power to recover expenditure incurred in providing supply and other miscellaneous charges) (Second Amendment) Regulations, 2020, Notification No. 3 of 2020 Dated:26/06/2020.

The Gujarat Electricity Regulatory Commission in exercise of the powers conferred under Section 181 (2) (u) read with Section 45 and 46 of the Electricity Act, 2003 (36 of 2003) and all powers enabling it in that behalf, has notified the GERC (Licensee's Power to Recover Expenditure incurred in providing Supply and other Miscellaneous Charges) Regulations, 2005 (Notification No. 9 of 2005) vide notification dated 31.03.2005 and GERC (Licensee's Power to Recover Expenditure incurred in providing Supply and other Miscellaneous Charges) (First Amendment) Regulations, 2010 (Notification No. 2 of 2010) vide notification dated 05.03.2010.

- The charges levied in respect of applications for new High Tension (HT) and Extra High Tension (EHT) connection / load extension were required to be paid on actual basis depending on the materials required and/or new network to be created / augmented. The distribution licensees are entitled for the recovery of expenditure based on above mentioned Regulations.
- In order to simplify the procedure and at the same time licensees do not suffer adversely for recovery of the expenditure, the Commission has amended the said Regulations based on the request of the GUVNL / State Discoms and in the interest of the consumers to have uniformity.
- Accordingly, for implementing the methodology of the per kVA/kW charges towards new HT connection / load extension in place of existing methodology of recovering actual expenditure, an amendment in the GERC (Licensee's Power to Recover Expenditure incurred in providing Supply and other Miscellaneous Charges) Regulations, 2005 was required and hence, the Commission notified the GERC

(Licensee's power to recover expenditure incurred in providing supply and other miscellaneous charges) (Second Amendment) Regulations, 2020, Notification No. 3 of 2020 on 26.06.2020, after following the due process.

3.9.3 Tariff framework for procurement of Power by Distribution licensees from wind Turbine Generators and other Commercial issues for the state of Gujarat, Order No. 02 of 2020 dated 30.04.2020:

The Commission had issued the GERC Wind Tariff Order No. 02 of 2016 on 30th August, 2016, for procurement of power by Distribution Licensees from Wind Power Projects in Gujarat for the Control Period expired on 31st March, 2019. Accordingly, the Commission published a Discussion Paper on 28.01.2020 detailing the proposed tariff framework for the prospective period as well as the intervening period and inviting comments from stakeholders by 25th February 2020. The Commission examined the objections/suggestions received and fixed the date for public hearing on the proposed Tariff framework for Wind energy RE Projects on 28th February, 2020 at the Commission's Office, Gandhinagar. Accordingly, the Commission has issued Wind Tariff Order No. 02 of 2020 on 30.04.2020 for control period upto 31.03.2022 and decided the tariff for Procurement of power by distribution licensees and others from Wind Energy Projects. The various parameters considered for tariff determination of Wind Power Projects as under:

3.9.4 Tariff framework for procurement of power by distribution licensees and others from solar energy projects and other commercial issues for the State of Gujarat: Order No. 03 of 2020 dated 08.05.2020:

The Commission had issued the GERC Solar Tariff Order No. 03 of 2015 on 17th August, 2015, for procurement of power by Distribution Licensees from Solar Power Projects in Gujarat for the Control Period expired on 31st March, 2018. Accordingly, the Commission published a Discussion Paper on 04th February, 2020 detailing the proposed tariff framework for the prospective period as well as the intervening period and inviting comments from stakeholders by 04th March 2020. The Commission examined the objections/suggestions received and fixed the date for public hearing on the proposed Tariff framework for Solar Energy Projects on 07th March, 2020 at the Commission's Office, Gandhinagar. Accordingly, the Commission has issued Solar Tariff Order No. 03 of 2020 on 08.05.2020 for control period upto 31.03.2023 and decided the tariff for Procurement of power by distribution



licensees and others from Solar Energy Projects. The various parameters considered for tariff determination of Solar Power Projects as under:

3.9.5 For the determination of tariff for Distribution Licensees for procurement of power from Wind Power Projects below the threshold limit of eligibility for participating in Competitive Bidding :: Order No. 04 of 2020 dated 26.05.2020:

The Commission had issued Order No. 04 of 2020 on 26.05.2020, for the determination of tariff for Distribution Licensees for procurement of power from Wind Power Projects below the threshold limit of eligibility for participating in Competitive Bidding.

3.9.6 Order No. 3 of 2020 dated 08.05.2020 for Tariff framework for procurement of power by distribution licensees and others from Solar Energy Projects and other commercial issues for the State of Gujarat: Order No. 06 of 2020 dated 05.08.2020

The Commission had issued Order No. 06 of 2020 on 05.08.2020 for removal of difficulty in the matter of Order No. 3 of 2020 dated 08.05.2020 for Tariff framework for procurement of power by distribution licensees and others from Solar Energy Projects and other commercial issues for the State of Gujarat.





4. ACCOUNTS

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

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

GUJARAT ELECTRICITY REGULATORY COMMISSION BALANCE SHEET AS ON 31 ST MARCH -2021		
CORPUS / CAPITAL FUND AND LIABILITIES	Amount – Rs	
	2020-21	2019-20
CORPUS /GERC CAPITAL FUND	2751100000.00	2418900000.00
RESERVES AND SURPLUS	139362152.85	121813294.71
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	33515223.00	38613024.00
TOTAL	2923977375.85	2579326318.71
ASSETS		
FIXED ASSETS	126735249.33	138758876.33
INVESTMENTS-FROM EARMARKED / ENDOWMENT FUNDS	0.00	0.00
INVESTMENTS – OTHERS	0.00	0.00
CURRENT ASSETS, LOANS, ADVANCES	2797242126.52	2440567442.38
MISCELLANEOUS EXPENDITURE		
TOTAL	2923977375.85	2579326318.71

GUJARAT ELECTRICITY REGULATORY COMMISSION



GUJARAT ELECTRICITY REGULATORY COMMISSION		
INCOME AND EXPENDITURE ACCOUNTS FOR THE YEARENDED 31 ST MARCH - 2021		
	Amount Rs.	
	2020-21	2019-20
INCOME		
Income from sales / service	0.00	0.00
Grants /Subsidies	0.00	0.00
Fees and charges	266555219.40	238700291.00
Income from Investments (Income on Investment, from earmarked/ endowment Funds transferred to Funds)	0.00	0.00
Income from Royalty, Publications etc.	0.00	0.00
Interest Earned	169511935.99	167413431.13
Other Income	82768.00	51362.49
Increase/Decrease in stock of finished goods & work in progress	0.00	0.00
TOTAL (A)	436149363.39	406165084.62
EXPENDITURE		
Establishment Expenditure	40676177.00	46979516.00
Other Administrative Expenses etc.	29626633.25	43790272.36
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)	16097695.00	17855140.00
TOTAL (B)	86400505.25	108624928.36
Balance being excess of Income over Expenditure (A B)	349748858.14	297540156.26
Transfer to Corpus Fund	332200000.00	282700000.00
Transfer to General Reserve	17548858.14	14840156.26
Balance being surplus transferred to Balance Sheet	0.00	0.00
SIGNIFICANT ACCOUNTING POLICIES, CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS		

Annual REPORT - 2020-21



5. THE POWER SECTOR SCENARIO IN GUJARAT-AN OVERVIEW

The structure of power sector in Gujarat after the implementation of the Electricity Act, 2003 is as under;

- 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.
- Gujarat State Electricity Corporation Limited (GSECL) is the State Owned Generation Company.
- Gujarat Energy Transmission Corporation Limited (GETCO) is the State Owned Transmission Company.
- State Load Despatch Centre (SLDC) operating under STU (i.e. GETCO)
- Dakshin Gujarat Vij Company Limited (DGVCL), Madhya Gujarat Vij Company Limited (MGVCL), Paschim Gujarat Vij Company Limited (PGVCL) and Uttar Gujarat Vij Company Limited (UGVCL) are the State Owned Distribution Companies.

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

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

In addition to the above, there are four SEZs, MPSEZ Utilities Limited (MUL) – The private owned distribution entity for Mundra SEZ area, Deendayal Port Trust (DPT) (earlier known as Kandla Port Trust) – The Distribution Licensee owned by Deendayal Port Trust (DPT) for its area of operation at Kandla, Jubilant Infrastructure Ltd. (JIL) – The private owned Distribution Entity for Ishwaria SEZ near Bharuch, AspenPark Infra Vadodara Private Limited (AIVPL) (earlier known as ASPEN Infra. Ltd. (AIL) and erstwhile Synefra Engineering and Construction Ltd.) – The private owned Distribution Entity for Waghodia SEZ area near Vadodara, which are deemed Distribution Licensees in their respective areas.



GUJARAT ELECTRICITY REGULATORY COMMISSION



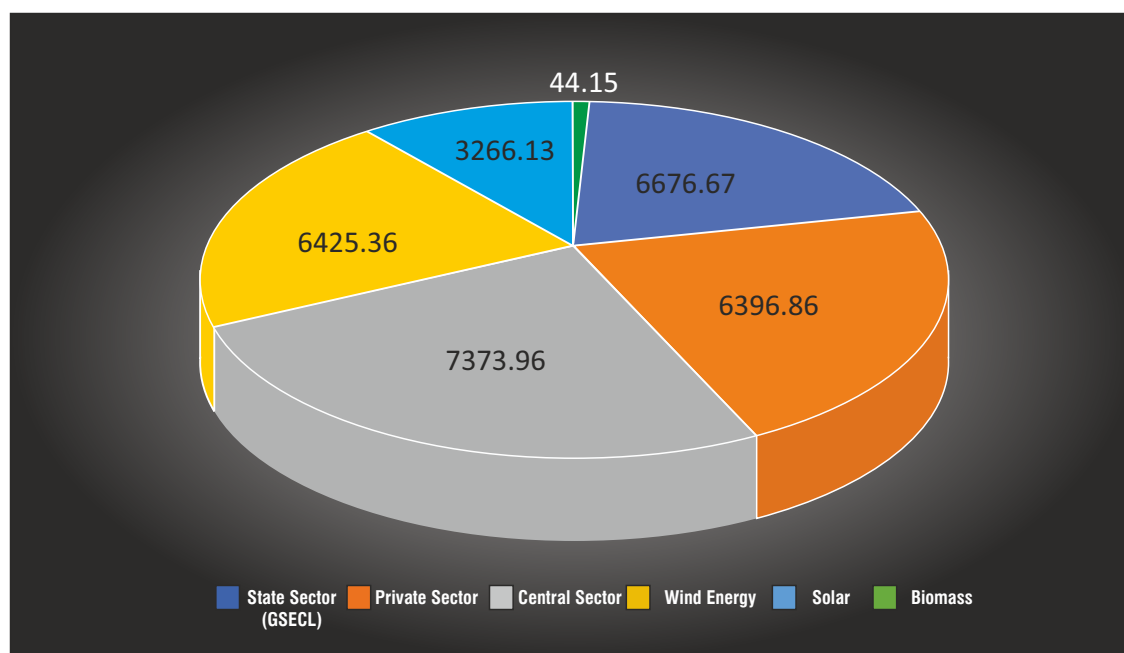
Installed Capacity (Sector wise) in MW

FY*	Unit	State Sector	Private Sector	Central Sector	Wind Farm	Solar	Biomass	Total	Growth %
2018-19	MW	6016.67	7196.86	6198.35	5783.80	2113.15	41.10	27350	0.34
	%	22	26	23	21	8	0	100	
2019-20	MW	6676.67	6396.86	6385.26	6290.33	2426.44	41.10	28217	3.17
	%	24	23	23	22	9	0	100	
2020-21	MW	6676.67	6396.86	7373.96	6425.36	3266.13	44.15	30244	7.18
	%	22	21	24	21	11	0	100	

* Details are as on 31st March of the respective financial year

Source: SLDC Report

Installed Capacity Sector Wise (MW)



Annual REPORT - 2020-21

GUJARAT ELECTRICITY REGULATORY COMMISSION

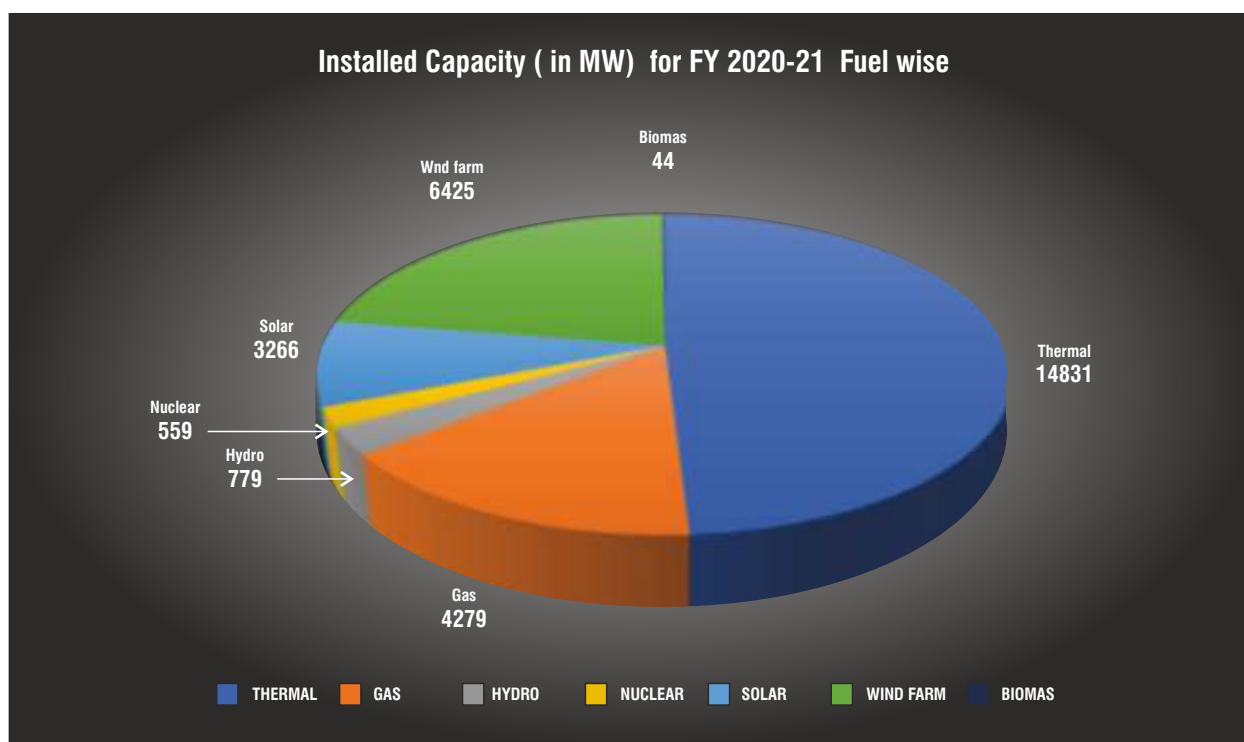


Installed Capacity (Fuel wise) in MW

FY*	Unit	Thermal	Gas	Hydro	Nuclear	Solar	Wind Farm	Biomass	Total
2018-19	MW	13795	4279	779	559	2113	5784	41	27350
	%	50	16	3	2	8	21	0	100
2019-20	MW	13842	4279	779	559	2426	6290	41	28217
	%	49	15	3	2	9	22	0	100
2020-21	MW	14831	4279	779	559	3266	6425	44	30244
	%	49	14	3	2	11	21	0	100

* Details are as on 31st March of the respective financial year

Source: SLDC Report



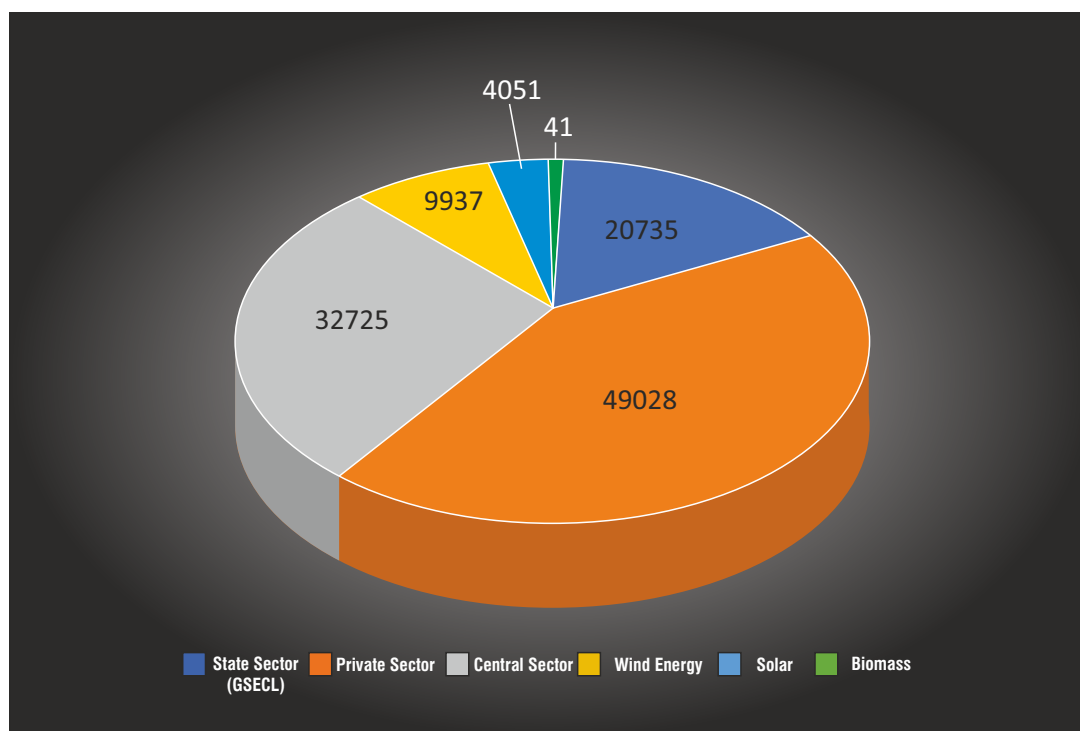
Gujarat has been emphasizing on providing electricity supply to all and has a long-term planning accordingly. Gujarat has more than 40% share of renewable i.e. wind (21%) and solar (11%). During FY 2020-21, growth in installed capacity was 7.18% compared to FY 2019-20.

Sector wise Energy Generation (MUs)

FY	Unit	State Sector (GSECL)	Private Sector	Central Sector	Wind Energy	Solar	Biomass	Total MUs
2018-19	MUs	24743	41815	41623	11194	2408	75.21	121859
	%	20	34	34	9	2	0.06	100
2019-20	MUs	20213	52713	31608	12147	3273	106	120059
	%	17	44	26	10	3	0.09	100.00
2020-21	MUs	20735	49028	32725	9937	4051	41	116610
	%	18	42	28	9	3	0.03	100

Source: SLDC Report

Sector Wise Energy Generation (MUs)



Gujarat was heavily dependent upon Private Sector to meet the demand during FY 2020-21. Renewable dependency was 12% during the year.

GUJARAT ELECTRICITY REGULATORY COMMISSION



Month wise Sector wise Energy Generation for the Year FY 2020-21 (MUs)

Month	GSECL	Private Sector	Central Sector	Wind Energy	Solar	Biomass	Private Mini Hydro	Total MUs
Apr -20	1251.71	2962.27	2350.23	845.02	357.33	9.66	7.22	7783.44
May -20	1138.53	3992.37	2646.44	1388.34	364.74	8.08	4.38	9542.88
Jun -20	1094.17	4013.4	2743.48	801.25	289.84	10.24	2.39	8954.77
Jul -20	830.36	4285.05	2775.44	944.44	269.27	9.2	4.46	9118.22
Aug -20	554.95	3827.47	2276.37	1296.28	187.24	3.61	9.31	8155.23
Sep -20	1566.32	4665.32	2458.8	387.02	276.18	0	13.39	9367.03
Oct -20	2376.63	5646.55	2320.65	443.72	327.66	0	9.93	11125.14
Nov -20	1893.6	4993.36	1694.34	843.91	327.72	0	7.02	9759.95
Dec -20	2492.38	4571.31	2223.52	840.02	350.49	0	8.22	10485.92
Jan -21	2499.65	3604.2	3119.59	897	404.44	0	9.75	10534.64
Feb -21	2330.67	3042.29	3610.6	560.87	410.61	0	8.77	9963.81
Mar -21	2706.05	3424.14	4505.82	688.88	485.45	0	8.54	11818.88
Total	20735.02	49027.73	32725.28	9936.75	4050.97	40.79	93.38	116609.91

Source: SLDC Report

Month wise energy generation has shown variant pattern owing to lockdown periods imposed during the year due to Covid-19.

Maximum Demand

Demand	2018-19	2019-20	2020-21
Max Unrestricted Demand During the Year	18189	18437	18528
Max Catered During the Year	18221	18424	18483
Shortage (-) / Surplus(+)	32	-13	45

During the year, maximum demand of 18483 MW was registered on 26th March, 2021 at 04:00 PM, which was met with source wise generation breakup as per the table below;

GSECL (Hydro)	GSECL (Thermal)	IPP/CPP	Private Mini Hydro	Central Sector	Wind	Solar	Biomass	Total
82	3567	4627	11	7986	565	1646	0	18483

GUJARAT ELECTRICITY REGULATORY COMMISSION



DISCOM wise Maximum Demand (MW)

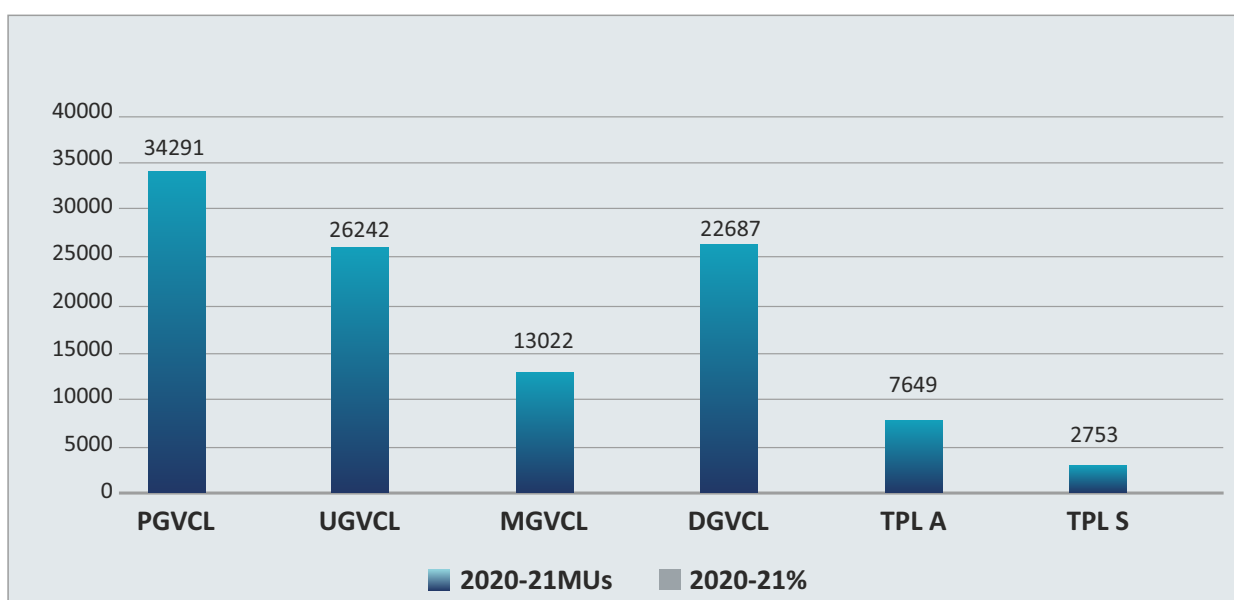
DISCOM	Maximum Demand	Month during which Maximum Demand is registered
DGVCL	3757	March
MGVCL	2087	June
PGVCL	5954	March
UGVCL	4332	March
TPL -D (A)	1584	July
TPL -D (S)	623	March

Maximum Demand for DISCOMs hovered between June, July and March. These seasons being crop season and summer season.

DISCOM wise energy catered (MUs)

FY*	Unit	PGVCL	UGVCL	MGVCL	DGVCL	TPL (A)	TPL (S)	Total	Growth %
2018-19	Mus	35467	26519	12960	23453	8582	3490	110471	9.71%
	%	32	24	12	21	8	3	100	
2019-20	Mus	33455	25644	12932	24746	8617	3458	108852	-1.47
	%	31	24	12	23	8	3	100	
2020-21	Mus	34291	26342	13022	22687	7649	2753	106744	1.94
	%	32	25	12	21	7	3	100	

Source: SLDC Report



GUJARAT ELECTRICITY REGULATORY COMMISSION



During the year, discom wise energy catered was lower than the previous year by 1.94%. This may be due to lockdowns imposed due to Covid-19. PGVCL had highest share while TPL Surat had lowest share.

DISCOM wise actual drawal during the year (MUs)

DISCOM	Actual Drawal			% Different with respect to 2019 - 20
	2018-19	2019-20	2020-21	
DGVCL	23455.67	24747.27	22745.02	8.09%
MGVCL	12921.61	12923.04	13057.13	1.04%
PGVCL	38055.29	35643.05	36468.01	2.31%
UGVCL	26518.8	25643.79	26342.46	2.72%
TPL-D(A)	8403.38	8424.86	7544.24	10.45%
TPL-D(S)	3466.72	3476.06	2761.60	20.55%

Quarterly Reports from DISCOMs

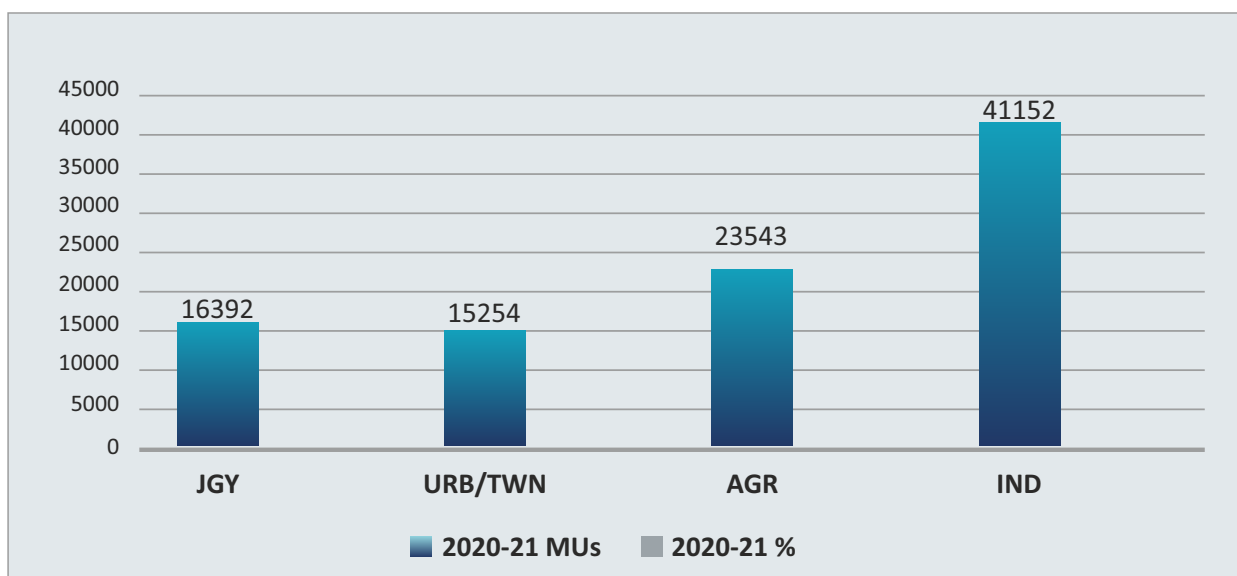
Energy Drawal in case of TPL was lower during the year compared to previous year. Further, PGVCL has highest drawal while TPL-D (S) had lowest drawal amongst DISCOMs.

Category wise energy catered (MUs)

FY*	Unit	JGY	URB/TWN	AGR	IND	Total	Growth %
2018-19	MUs	14671	15138	26065	42525	98399	10.75%
	%	56	58	100	163	378	
2019-20	MUs	15356	15538	21892	43990	96776	-1.65
	%	70	71	100	201	442	
2020 -21	MUs	16392	15254	23543	41152	96342	-0.45
	%	17	16	24	43	100	

Source: SLDC Report

CATEGORY WISE ENERGY CATERED (MUs)



Category wise energy catered was 0.45% lower during the year compared to previous year. Industrial category had largest share while Urban/Town category had lowest share.

Wind Energy Generation

Month	FY 2018-19		FY 2019-20		FY 2020-21	
	Wind Gen. (in Mus)	Wind Gen. Max. (in MW)	Wind Gen. (in Mus)	Wind Gen. Max. (in MW)	Wind Gen. (in Mus)	Wind Gen. Max. (in MW)
Apr	717	3237	951	3479	845	3568
May	1168	3359	1278	3772	1388	4301
Jun	1633	4282	1375	4145	801	3740
Jul	1661	4212	1962	4752	944	3332
Aug	1481	4262	1103	4179	1296	4022
Sep	803	2914	521	2652	387	2171
Oct	297	1316	509	3177	444	2687
Nov	384	2491	674	3673	844	4011
Dec	775	3441	1181	4080	840	3721
Jan	768	3331	905	4034	897	3537
Feb	741	3419	806	3564	561	3299
Mar	768	3305	879	3748	689	2386
Maximum		4282		4752		4301
TOTAL	11196		12144		9937	

GUJARAT ELECTRICITY REGULATORY COMMISSION



During the year, wind energy generation was 18.18% lower than previous year. Maximum generation was during May, 2020.

Solar Energy Generation

Month	FY 2018-19		FY 2019-20		FY 2020-21	
	Solar Gen. (in Mus)	Solar Gen. Max. (in MW)	Solar Gen. (in Mus)	Solar Gen. Max. (in MW)	Solar Gen. (in Mus)	Solar Gen. Max. (in MW)
Apr	220	1029	310	1476	357	1663
May	216	1011	324	1472	365	1620
Jun	174	896	266	1377	290	1435
Jul	126	849	232	1318	269	1400
Aug	120	790	187	1241	187	1314
Sep	170	1004	191	1234	276	1429
Oct	200	1008	266	1424	328	1725
Nov	200	1075	238	1378	328	1811
Dec	208	1140	271	1647	350	1941
Jan	233	1272	306	1645	404	2154
Feb	237	1347	326	1676	411	2198
Mar	302	1425	356	1740	485	2223
Maximum		1425		1740		2223
TOTAL	2406		3273		4051	

Source: SLDC Report

During the year, solar energy generation was 23.77% higher than the previous year. Maximum generation was during March, 2021.



Short Term Open Access

Entity	No. of applications received	No. of applications approved	No. of applications rejected	No. of applications pending	% applications approved	% applications rejected
DGVCL	912	873	39	0	95.72%	4.28%
MGVCL	355	326	29	0	91.83%	8.17%
PGVCL	761	703	58	0	92.38%	7.62%
UGVCL	492	475	17	0	96.54%	3.46%
TPL	327	323	4	0	98.78%	1.22%
TPL (D)	333	331	2	0	99.40%	0.60%
MUPL	130	130	0	0	100.00%	0.00%
APL 1,2,3	826	808	18	0	97.82%	2.18%
GUVNL	80	77	3	0	96.25%	3.75%
SUGEN	34	34	0	0	100.00%	0.00%
UNOSUGEN	27	27	0	0	100.00%	0.00%
KPT	1	1	0	0	100.00%	0.00%
Total	4278	4108	170	0	96.03%	3.97%

As the above table shows, during the year 96% STOA applications were approved, while 4% applications were rejected due to various reasons.



ANNEXURE - 1

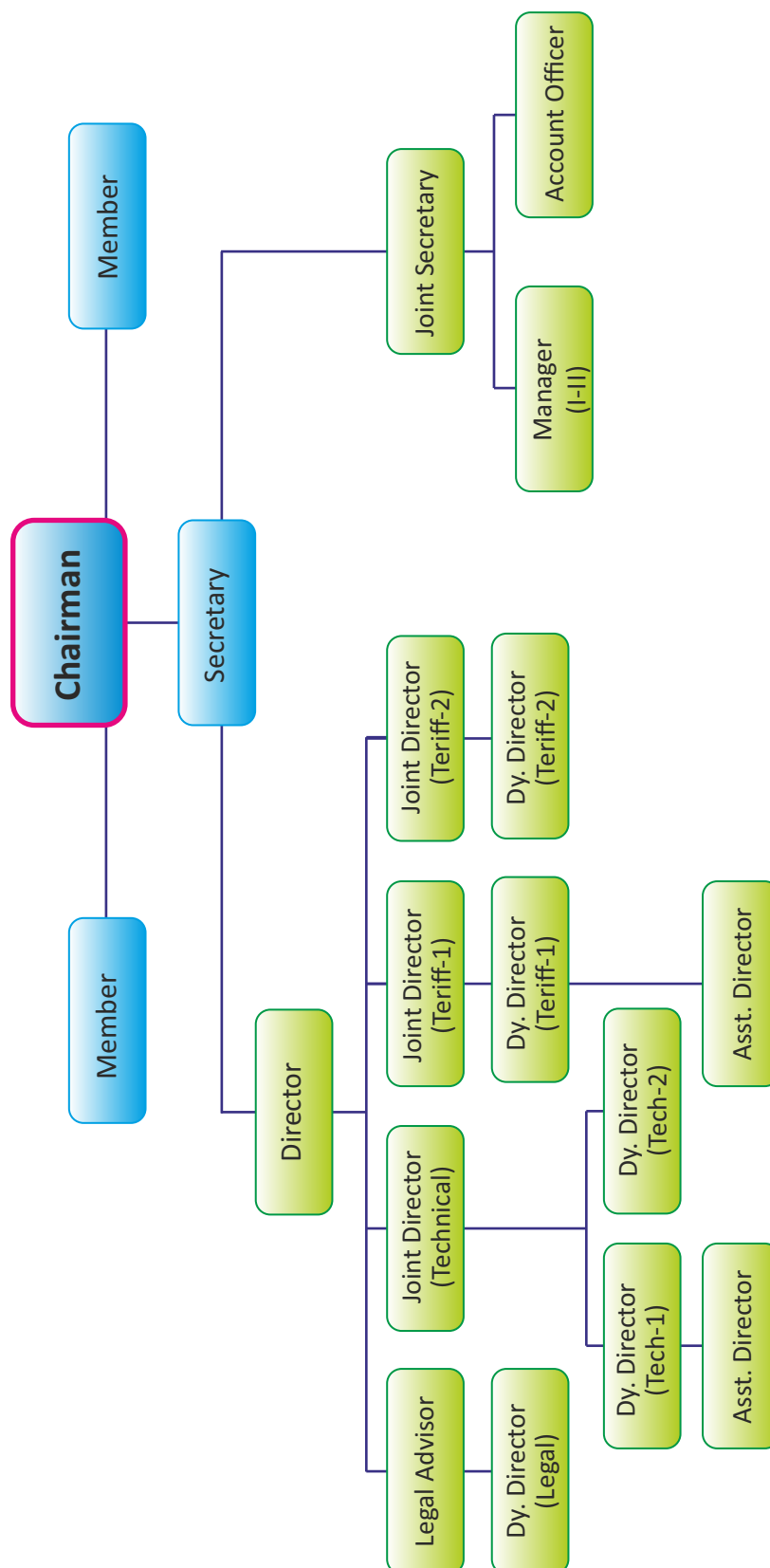
POSITIONS WITHIN THE COMMISSION

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	0	0	0	1
5	Deputy Director	6	1	0	1	4
6	Accounts Officer	1	1	0	0	0
7	Assistant Director	3	0	0	4	1
8	IT Manager	1	0	0	1	0
9	PA (English Steno)	4	1	3	0	1
10	PA (Gujarati Steno)	1	0	0	0	1
11	Executive	9	2	0	1*	6
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	8	11	17	15

*On Probation



ANNEXURE – 2 ORGANISATION STRUCTURE OF GERC



ANNEXURE - 3

Details of petitions disposed of during the year 2020-21

Sr. No.	Petition No.	Petitioner(s) and Respondent(s)	Subject Matter
1	1850/2019	MPSEZ Utilities Pvt. Limited	In the matter of Petition for truing up of FY 2018-19 and determination of tariff for FY 2020-21 as per GERC (MYT) Regulations, 2016.
2	1853/2019	Aspenpark Infra Vadodara Private Limited	In the matter of Petition for truing up of FY 2018 19 and determination of tariff for FY 2020-21 as per GERC (MYT) Regulations, 2016.
3	1809/2019	Torrent Power Limited	Filing of clarification/ Rectification Petition under Regulation 58, 80, 83 of the Gujarat Electricity Regulatory Commission (Conduct of Business) Regulations, 2004 seeking clarifications/ rectifications of the Commission's order dated 24.04.2019 in Case No. 1757 of 2018.
4*	Consequential Order in Petition No. 1629 of 2016	Torrent Power Limited	Consequential Order in Petition No. 1629 of 2016 dated 09.06.2017 in light of the judgment of the Hon'ble Appellate Tribunal for Electricity dated 09.06.2020 in Appeal No. 345 of 2017.
5*	Consequential Order in Petition No. 1628 of 2016	Torrent Power Limited	Consequential Order in Petition No. 1628 of 2016 dated 09.06.2017 in light of the judgment of the Hon'ble Appellate Tribunal for Electricity dated 09.06.2020 in Appeal No. 249 of 2017
6*	Consequential Order in Petition No. 1627 of 2016	Torrent Power Limited	Consequential Order in Petition No. 1627 of 2016 dated 09.06.2017 in light of the judgment of the Hon'ble Appellate Tribunal for Electricity dated 09.06.2020 in Appeal No. 248 of 2017.
7	1810/2019	Torrent Power Limited	In the matter of True up petition for FY 2011-12 to FY 2015-16 as per GERC (MYT) Regulations, 2011.
8	1811/2019	Deendayal Port Trust	In the matter of MYT petitions for the period FY 2016-17 to FY 2020-21 and determination of tariff for FY 2019-20 under GERC (MYT) Regulations, 2016.
9	1851/2019	GIFT Power Company Limited	In the matter of Petition for truing up of FY 2018-19 and determination of tariff for FY 2020-21 as per GERC (MYT) Regulations, 2016.
10	Suo-Motu Order No. 07 of 2020	-	Filing of application for determination of Aggregate Revenue Requirement (ARR) and tariff for FY 2021-22.

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Sr. No.	Petition No.	Petitioner(s) and Respondent(s)	Subject Matter
11	1908/2020	GSECL	In the matter of filing of Petition for True up of FY 2019-20. Approval of ARR & Determination of tariff for FY 2021-22 under the GERC (MYT) Regulations, 2016 and under Section 62 of the Electricity Act, 2003.
12	1909/2020	GETCO	In the matter of filing of Petition for True up of FY 2019-20. Approval of ARR & Determination of tariff for FY 2021-22 under the GERC (MYT) Regulations, 2016 and under Section 62 of the Electricity Act, 2003.
13	1910/2020	SLDC	In the matter of filing of Petition for True up of FY 2019-20. Approval of ARR & Determination of tariff for FY 2021-22 under the GERC (MYT) Regulations, 2016 and under Section 62 of the Electricity Act, 2003.
14	1911/2020	UGVCL	In the matter of filing of Petition for True up of FY 2019-20. Approval of ARR & Determination of tariff for FY 2021-22 under the GERC (MYT) Regulations, 2016 alongwith other guidelines and directions issued by GERC from time to time and under Part VII (Section 61 to 64) of the EA, 2003 read with relevant guidelines.
15	1912/2020	DGVCL	In the matter of filing of Petition for True up of FY 2019-20. Approval of ARR & Determination of tariff for FY 2021-22 under the GERC (MYT) Regulations, 2016 alongwith other guidelines and directions issued by GERC from time to time and under Part VII (Section 61 to 64) of the EA, 2003 read with relevant guidelines.
16	1913/2020	MGVCL	In the matter of filing of Petition for True up of FY 2019-20. Approval of ARR & Determination of tariff for FY 2021-22 under the GERC (MYT) Regulations, 2016 alongwith other guidelines and directions issued by GERC from time to time and under Part VII (Section 61 to 64) of the EA, 2003 read with relevant guidelines.
17	1914/2020	PGVCL	In the matter of filing of Petition for True up of FY 2019-20. Approval of ARR & Determination of tariff for FY 2021-22 under the GERC (MYT) Regulations, 2016 alongwith other guidelines and directions issued by GERC from time to time and under Part VII (Section 61 to 64) of the EA, 2003 read with relevant guidelines.
18	1925/2021	TPL(Generation)	In the matter of filing the petition under Section 62 & 64 of the Electricity Act, 2003 read with all applicable Regulations, under the GERC (MYT) Regulations, 2016 for (i) True up of FY 2019-20, (ii) determination of ARR for FY 2021-22, and (iii) determination of tariff for FY 2021-22 for its generation facilities at Ahmedabad.
19	1926/2021	TPL(Ahmedabad)	In the matter of filing the petition under Section 62 & 64 of the Electricity Act, 2003 read with all applicable Regulations, under the GERC (MYT) Regulations, 2016 for

GUJARAT ELECTRICITY REGULATORY COMMISSION



Sr. No.	Petition No.	Petitioner(s) and Respondent(s)	Subject Matter
			(i) True up of FY 2019-20, (ii) determination of ARR for FY 2021-22, and (iii) determination of tariff for FY 2021-22 for its distribution business of Ahmedabad supply area.
20	1927/2021	TPL – D (Surat)	In the matter of filing the petition under Section 62 & 64 of the Electricity Act, 2003 read with all applicable Regulations, under the GERC (MYT) Regulations, 2016 for (i) True up of FY 2019-20, (ii) determination of ARR for FY 2021-22, and (iii) determination of tariff for FY 2021-22 for its distribution licensee of Surat supply area.
21	1807/2019	Gujarat Urja Vikas Nigam Limited V/s. Essar Power Gujarat Limited & Others	In the matter of petition under Section 86 (1) (b) and (f) of the Electricity Act, 2003 read with Article 18.1 of the Power Purchase Agreement (PPA) dated 26-02-2007 under 1000 MW (Bid - 03), executed between GUVNL and EPGL for approval of amendments to the PPAs by way of Supplemental PPA dated 01_03_2019.
22	1688/2017	Gujarat Urja Vikas Nigam Limited & Others	In the matter of Petition under GERC (Procurement of Energy from Renewable Sources) Regulations, 2010 and its (First Amendment) Regulations, 2014 for revision in Renewable Power Purchase Obligation (RPO) in case of Four Subsidiary Distribution Companies of GUVNL for FY 2016_17.
23	1689/2017	Torrent Power Limited	In the matter of Petition under Regulation 4.2 of the GERC (Procurement of Energy from Renewable Sources) Regulations, 2010 for revision of minimum quantum of purchase (in %) from renewable energy sources percentage targets for FY 2016-17 in view of supply constraints or other factors beyond the control of the licensee, for its Ahmedabad/Gandhinagar and Surat License area.
24	1690/2017	Torrent Power Limited	In the matter of Petition under Regulation 4.2 of the GERC (Procurement of Energy from Renewable Sources) Regulations, 2010 for revision of minimum quantum of purchase (in %) from renewable energy sources percentage targets for FY 2016-17 in view of supply constraints or other factors beyond the control of the licensee, for its Dahej License area.
25	EP No. 1 of 2020	Energy & Petrochemicals Department (EPD) V/s. TPL	Tariff for Agricultural Consumers of Torrent Power Limited (Ahmedabad Unit)
26	1860/2020	Torrent Power Limited	In the matter of Petition for approval of Short Term Power Purchase arrangement for sourcing of power to cater to the demand of Dahej SEZ and Dholera SIR License areas 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.

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Sr. No.	Petition No.	Petitioner(s) and Respondent(s)	Subject Matter
27	1492/2015	Aditya Birla Nuvo Limited V/s. State Load Dispatch Centre (SLDC)	In the matter of Petition under Regulation 15 read with Regulation 45 of GERC (Terms and Conditions of Intra-State Open Access) Regulations, 2011, for illegal refusal of permission for Short Term Open Access (STOA).
28	1677/2017	MPSEZ Utilities Private Limited	In the matter of Petition for compliance of the Gujarat Electricity Regulatory Commission (Procurement of Energy from Renewable Energy Sources) Regulations, 2010 and Gujarat Electricity Regulatory Commission (Procurement of Energy from Renewable Energy Sources) (First Amendment) Regulations, 2014.
29	1721/2018	Prashant India Limited V/s. DGVCL and GETCO	In the matter of Petition under section 60 and section 86(1)(f) of the Electricity Act, 2003 and under section 17 (q) of Gujarat Electricity Industry (Reorganization and Regulation) Act, 2003.
30	1454/2014	Paschim Gujarat Vij Company Limited & others V/s. Gujarat Krushi Vij Grahak Suraksha Sangh & others	In the matter of Petition under Section 86 of the Electricity Act, 2003 for directions in the matter of Guidelines dated 14.05.2014 read with communication dated 04.06.2014 issued by the Office of the Commission.
31	1824/2019	M/s. Shivram Dyeing and Printing Mill V/s. TPL	In the matter of miscellaneous Civil Application for direction to the opponent to grant approval for technical specification of ABT meter for solar captive power plant to be installed at M/s KPI Global Infrastructure Limited's Solar site or the Petitioner and to accept the application and grant all approvals which are applied for by the Petitioner and for direction to sign and approve the wheeling of solar power to the Petitioner.
32	Suo Motu Petition No. 1713 /2018	Deendayal Port Trust & Others	In the matter of monitoring of Compliance of Renewable Purchase Obligation by distribution licensees for the FY 2016-17 under the GERC (Procurement of Energy from Renewable Sources) Regulations, 2010 and Gujarat Electricity Regulatory Commission (Procurement of Energy from Renewable Sources) (First Amendment) Regulations, 2014.
33	1770/2018	Kailashben Kirtikumar Shah V/s. Paschim Gujarat Vij Company Limited	In the matter of Petition under Section 129 of the Electricity Act, 2003 read with Regulation 62(b) of the GERC (Conduct of Business) Regulations, 2004 seeking order through appropriate directions for securing compliance by the licensee which has contravened certain provisions contained in the GERC (Net Metering Rooftop Solar PV Grid Interactive Systems) Regulations, 2016 issued by the Commission in exercise of the power under the Act.

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Sr. No.	Petition No.	Petitioner(s) and Respondent(s)	Subject Matter
34	1829/2019	Gujarat Urja Vikas Nigam Limited & others	In the matter of Petition under section 45, 46, 86 and other applicable provisions of the Electricity Act, 2003 read with the GERC (Licensee's Power to Recover Expenditure incurred in providing supply and other Miscellaneous Charge) Regulations, 2005 for approval of levy of per kVA based charges from applicant toward expenditure to be incurred by Distribution Licensee for development of electrical network for providing power supply at 11 kV / 22 kV voltage level to new HT connection/additional demand.
35	1780/2019	Jagubhai Vanmalibhai Patel V/s. Dakshin Gujarat Vij Company Limited	In the matter of petition under Section 129, 146 and 149 of the Electricity Act, 2003 read with Regulation 62(b) of the GERC (Conduct of Business) Regulations, 2004 seeking order through appropriate directions for securing compliance by the licensee which has contravened certain provisions contained in the GERC (Net Metering Rooftop Solar PV Grid Interactive Systems) Regulations, 2016, Notification No. 5/2016 issued by the Commission in exercise of the power under the Act.
36	1861/2020	Torrent Power Limited	In the matter of approval of short-term power purchase arrangement for sourcing power to cater to the demand of Ahmedabad, Gandhinagar and Surat license areas 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.
37	1874/2020	GUVNL	In the matter of Petition under Section 63 read with Section 86 (1) (b) of the Electricity Act, 2003 for adoption of tariff discovered under Competitive Bidding process for procurement of power from Grid connected Solar PV projects in Gujarat through RfS No. GUVNL / 500 MW / Solar (Phase VIII) dated 07.02.2020.
38	1740/2018	Torrent Power Limited V/s. SLDC	In the matter of Petition for issuing necessary direction to Gujarat State Load Despatch Centre (SLDC) in respect of recovery of transmission charges for Short Term Open Access availed for bilateral and collective transactions in accordance with Section 33 (4) read with Sections 33 (1) and 32 (3) of the Electricity Act, 2003 and invoking power under Regulation 45 of GERC (Terms and Conditions of Intra-State Open Access) Regulations, 2011.
39	1722/2018	Shri Sanjay Amratlal Agrawal V/s. Torrent Power Limited (TPL)	In the matter of Petition under Section 142, 146 and 149 of the Electricity Act, 2003 for violation and contravention of Section 16, 57, 61, 61(d), 62, 64(6),

GUJARAT ELECTRICITY REGULATORY COMMISSION



Sr. No.	Petition No.	Petitioner(s) and Respondent(s)	Subject Matter
			181, 86 (1)(g) and 94 of the Electricity Act, 2003 read with Regulation 6 (b) and 62 of the GERC (Conduct of Business) Regulations, 2005 read with Regulation 17, 18, 32 and 34 of the GERC (Distribution License) Regulations, 2005 read with Regulation 6.1, 6.26, 6.27, 6.33 and 6.54 (5) & (10) of the GERC (Supply Code and related matters) Regulations, 2015 read with Regulation 18(2) and Standard for Consumer Meters-Part- III - (1)(a), (1)(b) and 2 of the CEA (Installation and Operation of Meters) Regulations, 2006 read with Regulation 12(1) of Gujarat Electricity Distribution Code (Second Amendment) Regulations, 2016 read with Regulation 2.16 of the GERC (Consumer Grievances Redressal Forum and Ombudsman) Regulations, 2011 for providing supply and other relevant enabling provisions of Act, Law, Rules and Regulations prevailing in the land.
40	1785/2019	MPSEZ Utilities Private Limited	In the matter of Petition for compliance of the Gujarat Electricity Regulatory Commission (Procurement of Energy from Renewable Energy Sources) Regulations, 2010 and its subsequent amendments notified by the Commission.
41	1754/2018	Torrent Power Limited	In the matter of Petition Regulation 4.1 of GERC (Procurement of Energy from Renewable Sources) Regulations, 2010 as amended for minimum quantum of purchase (in %) from renewable energy sources for FY 2017-18, for its Ahmedabad/Gandhinagar and Surat License area under.
42	Suo Motu Petition No. 1872/2020	Gujarat Urja Vikas Nigam Limited & others	Monitoring of compliance of Renewable Purchase Obligation by distribution licensee for the FY 2017- 18 under the GERC (Procurement of Energy from Renewable Sources) Regulations, 2010 and subsequent amendments made thereto.
43	1885/2020	Gujarat Urja Vikas Nigam Limited V/s. ACB (India) Limited	Petition under Section 86 (1) (b) of the Electricity Act, 2003 for seeking the approval of the Commission for Third Supplemental Agreement to the PPA dated 26.02.2007 with the Respondent M/s ACB ((India) Limited for incorporating fixed discount in energy tariff towards generation of power for utilization of the coal allocated under Shakti Scheme B (ii) Round 3 of Government of India.
44	1867/2020	Gujarat Urja Vikas Nigam Limited V/s. M/s RGE Surat Pvt. Limited	In the matter of Petition under Section 86 of the Electricity Act, 2003 for recovery of liquidated damages under the PPA dated 06.05.2016.

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Sr. No.	Petition No.	Petitioner(s) and Respondent(s)	Subject Matter
45	1723/2018	M/s Aspen Infrastructures Limited	In the matter of Petition under the GERC (Procurement of Energy from Renewable Sources) Regulations, 2010 and its (First Amendment) Regulations, 2014 for revision in Renewable Power Purchase Obligation (RPPO).
46	1742/2018	Jubilant Infrastructures Limited	In the matter of Petition regarding RPO compliance exemption for FY 2017-18 under the GERC (Procurement of Energy from Renewable Sources) Regulations, 2010 and its (First Amendment) Regulations, 2014.
47	1923/2021	Gujarat Urja Vikas Nigam Limited	In the matter of Petition under Section 63 read with Section 86 (1) (b) of the Electricity Act, 2003 for adoption of tariff discovered under Competitive Bidding Process for procurement of power from Grid connected Solar PV projects in Gujarat through RfS No. GUVNL/500 MW/Solar (Phase XI) dated 28.09.2020.
48	Review Petition No. 1857/2020	Shri Kirtikumar Nagindas Shah V/s. GUVNL	In the matter of Petition under Section 94 (1) (f) of the Electricity Act, 2003 read with Regulation 72 of the Gujarat Electricity Regulatory commission (conduct of Business) Regulations, 2004 for review of Order dated 17.12.2019 in Petition No. 1825 of 2019.
49	Review Petition No. 1855/2020	Shri Kirtikumar Nagindas Shah V/s. GUVNL	In the matter of Petition under Section 94 (1) (f) of the Electricity Act, 2003 read with Regulation 72 of the Gujarat Electricity Regulatory commission (conduct of Business) Regulations, 2004 for review of Order dated 16.12.2019 in Petition No. 1821 of 2019.
50	1906/2020	GUVNL	In the matter of 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 power from 700 MW Solar PV Projects to be set up in 1000 MW Dholera Solar Park in Gujarat through RFS dated 18.03.2020 (Phase IX).
51	1900/2020	GUVNL	In the matter of Petition under Section 63 read with Section 86 (1) (b) of the Electricity Act, 2003 and Clause 8.6 of Guidelines for procurement of Solar power through Competitive Bidding notified by MoP on 03.08.2017, for continuing with the bidding process by issuing LoA under RfS No. GUVNL / 100 MW/ Solar (Phase X) dated 15.07.2020 for procurement of power from Raghnesda Solar Park pursuant to receipt of single bid in the tender and adoption of tariff discovered thereunder.

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Sr. No.	Petition No.	Petitioner(s) and Respondent(s)	Subject Matter
52	1672/2017	Indian Captive Power Producers Association & The Chamber of Commerce and Industry of Kutch V/s. GETCO & Others	In the matter of Petition under Section 181 of the Electricity Act, 2003 read with Regulations 80 and 82 of GERC (Conduct of Business) Regulations, 2004, for amendment of GERC (Terms and Conditions of Intra-State Open Access) Regulations, 2011.
53	1905/2020	TPL	In the matter of Petition under Clause 3.1.1 (c) and Clause 18 of the Guidelines for Tariff Based Competitive Bidding Process notified by Ministry of Power on 03.08.2017 as amended from time to time for procurement of power from Grid Connected Solar PV Power Projects under Section 63 read with Section 86 of the Electricity Act, 2003 for the approval of deviations from the said Guidelines.
54	1954/2021	Gujarat Urja Vikas Nigam Limited	In the matter of Petition under Section 86 (1) (b) and 86 (1) (e) of the Electricity Act, 2003 for incorporating provision regarding 'Change in Law' in the Power Purchase Agreements to be executed by State DISCOMs with Project Developers under the Government of Gujarat's Policy for Development of 'Small Scale Distributed Solar Projects, 2019' notified vide GR No. SLR/11/2019/51/B1 dated 06.03.2019 and approval of draft PPA.
55	1807/2019	GUVNL Vs. Essar Power Gujarat Limited & Others	In the Matter of Petition under Section 86 (1) (b) and (f) of the Electricity Act, 2003 read with Article 18.1 of the Power Purchase Agreement (PPA) dated 26-02-2007 under 1000 MW (Bid - 03), executed between GUVNL and EPGL for approval of amendments to the PPAs by way of Supplemental PPA dated 01_03_2019.
56	1829/2019	GUVNL Vs. MGVCL, UGVCL, PGVCL & DGVCL	In the matter of Petition under section 45, 46, 86 and other applicable provisions of the Electricity Act, 2003 read with the GERC (Licensee's Power to Recover Expenditure incurred in providing supply and other Miscellaneous Charge) Regulations, 2005 for approval of levy of per kVA based charges from applicant toward expenditure to be incurred by Distribution Licensee for development of electrical network for providing power supply at 11 kV / 22 kV voltage level to new HT connection/additional demand.

(* Remanded Matter)

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ANNEXURE-4

Details of Regulations / orders Notified by the Commission

Sr No	Name of Regulation	Notification Number	Date of Notification
1	Conduct of Business	02 of 2004	25/08/2004
2	Distribution Code • 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 of Distribution of Electricity	04 of 2005	30/03/2005
7	Fees, Fines and Charges Regulations, • 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 • 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 charges • First Amendment • Second Amendment	09 of 2005 02 of 2010 03 of 2010	31/03/2005 05/03/2010 26/06/2020
11	Standard of Performance of Distribution Licensee	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
15	Power procurement from renewable sources • First Amendment • Second Amendment	3 of 2010 2 of 2014 1 of 2018	17/04/2010 04/03/2014 21/04/2018
16	Designating State Nodal Agency for REC • Statement of Reasons • First Amendment	04 of 2010 - 02 of 2014	16/07/2010 17/04/2010 04/03/2014

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17	Recruitment and Service Conditions of Secretary and Staff	2059/2011	28/11/2011
18	Consumer Grievances Redressal Forum & Ombudsman Regulations, 2019	02 of 2019	30/09/2019
19	Terms and Condition of Intra-State Open Access - First Amendment - Second Amendment	03 of 2011 01 of 2014 03 of 2014	01/06/2011 04/03/2014 12/08/2014
20	Fixing of Trading Margin (First Amendment)	04 of 2011	09/12/2011
21	Demand Side Management First Amendment	01 of 2012	08/05/2012
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 - First Amendment - Second Amendment	04 of 2015 06 of 2016 01 of 2020	22/09/2015 23/11/2015 17/01/2020
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 users	02 of 2015	01/07/2015
27	Multi Year Tariff Regulation-2016 - First Amendment - Second Amendment	04 of 2016 07 of 2016 02 of 2018	28/03/2016 02/12/2016 18/08/2018
28	Net Metering Rooftop Solar PV Grid Interactive Systems - First Amendment - Second Amendment	05 of 2016 02 of 2017 02 of 2020	21/06/2016 06/10/2017 23/01/2020
29	Forecasting, Scheduling, Deviation Settlement and Related Matters of Solar and Wind Generations Sources) Regulations -2019	01 of 2019	19/01/2019

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Details of Regulations/Orders Notified by the Commission (Repealed)

Sr No	Name of Regulation	Notification 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 2016	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	29/09/2005
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 25/09/2006 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
13	Consumer Grievances Redressal Forum & Ombudsman Regulations,2011	02 of 2011	07/04/2011



ANNEXURE 5

DETAILS OF LOCATIONS OF CONSUMER GRIEVANCES REDRESSAL FORUMS

DGVCL-Surat 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: eegeerc.dgvcl@gebmail.com
MGVCL-Vadodara 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
MGVCL-Godhra Forum	Convener, CGRF, Madhya Gujarat Vij Company Limited, Circle Office, Old Power House, Bhuravav Road, Godhra, Dist.: Panchmahals. (T) 02672-262205; Fax: 02672-262927 Email: segodhara.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

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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: forumbhuj.pgvcl@gebmail.com
PGVCL-Junagadh Forum	Convener, CGRF, Paschim Gujarat Vij Company Limited, Circle Office, Azad Chowk, M.G. Road, Junagadh - 362 001. (T) 0285-2622167 / 2657877 Fax: 0285-2657695 Email: forumjunagadh.pgvcl@gebmail.com
UGVCL-Mehsana Forum	Convener, CGRF, Uttar Gujarat Vij Company Limited, Registered & Corporate Office, Visnagar Road, Mehsana 384 001, (T): (02762) 222080-81. Email: cgrf@ugvcl.in
UGVCL-	Convener, CGRF, Uttar Gujarat Vij Company Ltd., Near Torrent AEC, Railway Crossing, Sabarmati, Ahmedabad - 380005. (T): (079) 27500981 Email: forum@ugvcl.com
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

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TPL- Surat Forum	Convener, CGRF, Torrent Power Ltd., Torrent House, 1 st Floor, Station Road, Surat-395003 (T): 0261-2400240 (Extn.8326) Fax:0261-2422171 Email: consumerforumtpsl@torrentpower.com
Ombudsman	Office of the Ombudsman, Barrack No.3, Polytechnic Compound, Ambawadi, Ahmedabad-380015. (T): 079-26302689 Email: ombudsman@gercin.org

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ANNEXURE 6 Grievances redressed by CGRFs during FY 2020-21

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 successfully redressed during the Year			Number of cases redressed in favour of the Licensee	Number of cases redressed in favour of the Consumers	Others	No. of sittings
						5=3 -4	Within 30 days	After 30 days				
	1	2	3=1+2	4				Total				
DGVCL Surat	11	172	183	167	16	56	111	167	69	61	37	45
MGVCL Vadodara	6	24	30	27	3	18	6	24	11	13	0	8
PGVCL Rajkot	29	132	161	154	7	24	130	154	35	114	5	23
PGVCL Bhavnagar	31	107	138	119	19	19	100	119	37	35	47	32
PGVCL Bhuj	0	14	14	11	3	3	8	11	4	2	5	4
PGVCL Junagadh	36	64	100	73	27	3	70	73	44	19	10	15
UGVCL Mehsana	0	28	28	27	1	19	8	27	10	13	4	14
UGVCL Ahmedabad	9	101	110	105	5	72	33	105	50	44	11	42
TPL-D Ahmedabad	6	91	97	90	7	68	22	90	85	5	0	44
TPL-D Surat	1	16	17	17	0	15	2	17	16	1	0	43
TPL-D Dahej	0	0	0	0	0	0	0	0	0	0	0	12
Total	129	749	878	790	88	297	490	787	361	307	119	282

Note: CGRF-Junagadh, PGVCL was created w.e.f. 22.07.2020. 36 Cases has been received from CGRF-Rajkot, PGVCL.



ANNEXURE 7

Appeals redressed by the Electricity Ombudsman during FY 2020-21

CGRF	Representation		Representations disposed of				Pending at the end of the Year	Appeals disposed of within 45 days	Appeals disposed of after 45 days	No. of sittings
	Pending at the start of the Year	Received during the Year	Total	In favour of Appellant	In favour of Licensee	Others				
DGVCL Surat	1	21	22	0	6	0	16	0	6	15
MGVCL Vadodara	1	7	8	1	1	1	5	0	3	5
PGVCL Rajkot	3	17	20	4	5	0	11	0	9	31
PGVCL Bhavnagar	3	13	16	3	4	1	8	0	8	14
PGVCL Bhuj	0	1	1	0	1	0	0	0	1	4
PGVCL Junagadh	0	9	9	0	0	0	9	0	0	1
UGVCL Mehsana	0	4	4	0	0	0	4	0	0	0
UGVCL Ahmedabad	2	12	14	3	5	0	6	0	8	18
TPL-D Ahmedabad	1	14	15	2	3	0	10	0	5	17
TPL-D Surat	0	1	1	0	1	0	0	0	1	2
TPL-D Dahej	0	0	0	0	0	0	0	0	0	0
Total	11	99	110	13	26	2	69	0	41	107



ANNEXURE 8

Status of nature of complaints disposed off by the Electricity Ombudsman during the year 2020-21

Sr. No.	Nature of Complaints	Number of Complaints
1	New Connections	3
2	Extension of load for Agriculture Connections	0
3	PDC Reconnection of Agriculture Connections	0
4	Shifting of Agriculture Connections	0
5	Meter reading disputes	0
6	Load reduction disputes	2
7	Compensation for delay in services	1
8	Release of HT connections and billing	0
9	Recovery of amount against correction factor charges	0
10	Additional load related dispute	1
11	Tariff related	0
12	Estimate related	4
13	Billing related	19
14	Implementation of Forum order	1
15	Meter accuracy and supplementary bill related	3
16	Space for sub - station and related dispute	0
17	Fast meter and refund of amount paid	0
18	Power supply/ Dues related	1
19	To declare the connection released as illegal	0
20	Interest on Security Deposit/ Refund of Security Deposit/ Electricity Duty	0
21	To issue Safety Certificate/ Safety Related	0
22	Reconnection	1
23	Name Change	0
24	To disconnect power supply	5
25	Meter burnt Charges/ Meter related	0
26	Line shifting dispute	0
27	Transformer and Line erection/ Shifting dispute	0
28	Low Voltage complaint	0
29	Interest on credit balance amount in bill	0
30	Notice for disconnection for merger of connection option/ Merger of connection and refund of supplementary bill	0
31	Refund of Transformer Charges	0
32	Departmental inquiry against concerned officers	0
33	Refund of amount paid against Supplementary Bill	0
34	Transformer Erection and Compensation dispute	0
35	Underground cable fault and recovery of charge	0
36	Refund of PF Penalty charge/ Refund of Electricity Duty	0
	Total	41

GUJARAT ELECTRICITY REGULATORY COMMISSION



Annexure 9

Constitution of the State Advisory Committee

1	Shri Anand Kumar, Chairman Gujarat Electricity Regulatory Commission (GERC)	Chairman
2	Shri Mehul M. Gandhi, Member Gujarat Electricity Regulatory Commission (GERC)	Member
3	Shri S. R. Pandey, 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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