

AGENDA NOTE
FOR
THE 22nd MEETING OF THE CO-ORDINATION FORUM

Date	31.08.2023
Time	11:30 AM
Venue	Hotel Grand Mercure, GIFT CITY, Gandhinagar

ITEM NO.	NOTES ON AGENDA
1.	Approval of the minutes of the 21 st Meeting of the Co-Ordination Forum held 26 th September 2019
2.	Action Taken Report on the minutes of the 21 st Meeting of the Co-Ordination Forum
3.	Status of RPO compliance by the obligated entities.
4.	Presentation by Joint Research Team of GPRD Cell- GUVNL and GETCO on implementation of Broken Conductor for 11/22 kV Feeders
5.	Presentation by Chief Electrical Inspector on installations checked out during past five years
6.	Presentation by Chief Electrical Inspector Safety Action Plan
7.	Various Draft Regulations by the Commission
8.	Representation of consumers for discussion during the meeting
9.	Presentation on Transmission Network Status by GETCO
10.	Presentation on Power Sector Scenario by GUVNL.
11.	Any other Item with the permission of Chair.

Agenda Item No. 1

Approval of the minutes of the 21st Meeting of the Co-Ordination Forum held on 26th September 2019

GERC vide its letter no GERC/TECH/4919/1764 dated 21.10.2019 circulated minutes of the 21st Meeting of Co-ordination forum held on 26th September, 2019 at “Moneta Ball Room”, GIFT CITY Club and Business Centre, Tapas Marg, GIFT CITY, Gandhinagar. Since, no comments have been received from the members, Minutes of the 21st Meeting may be treated as approved.

Agenda Item No. 2

Action Taken Report on the minutes of the 21st Meeting of the Co-Ordination Forum:

2.1 Item No. 2.1: In reference to discussion on verification of RPO compliance of Open Access Consumers by SLDC and RPO Compliance of CPPs by CEI, Staff of the Commission to work out modalities for the same.

Action Taken Report from Staff of the Commission:

The judgement dated 05.05.2015 of the Hon’ble High Court of Gujarat in LPAs filed against the Order dated 12.03.2015 in SCA No. 171 of 2011. It was informed that as per the said judgement RPO Regulations are applicable to Open Access and CPP consumers until final decision in these LPAs. LPAs are still pending before the Hon’ble High Court of Gujarat.

2.2 Item No. 2.2: In reference to discussions issue of non-acceptability of RBI Letter of Mandate in place of Letter of Credit/ Bank Guarantee towards Payment Security Deposit, Western Railway was asked to approach their Finance Department to look into the issue and get the Letter of Mandate modified so as to make it unconditional and irrevocable.

Action Taken Report from Western Railways:

Action Taken Report from Western Railway is not received.

2.3 Agenda Item No. 2.4: In reference to discussion on amending the GERC Supply Code Regulations, 2015 to make installation of ELCB mandatory for all kind of electrical connections irrespective of contracted load, staff of the Commission was directed to initiate action in this regard.

Action Taken Report from Staff of the Commission:

The CEA notified CEA (Measures relating to Safety and Electric Supply) Regulations, 2023 wherein at Clause 44 it is stipulated as under;

44. Residual Current Device. – The use of electricity to electrical installation, shall be controlled by a residual current device to disconnect the supply having rated residual current and duration as per the relevant standards: Provided that in domestic installation, residual current device having residual operating current not exceeding 30 milliampere shall be used: Provided further that such protective device shall not be required for supply lines having protective devices which are effectively bonded to the neutral of supply transformers and conforming to regulation 76.

Since in GERC (Supply Code and related Matters Regulations) 2016 at Clause 5.6, it is stipulated that earth leakage protective device is to be installed by consumer in accordance with CEA (Measures relating to Safety and Electric Supply) Regulations, 2010 and amendments thereof, the CEA regulations, 2023 shall automatically apply to the consumers of the State.

2.4 Agenda Item No. 4: In reference to discussions held regarding RPO webtool being developed by TERI to monitor RPO compliance at national level, it was decided that GEDA to arrange a workshop in consultation with TERI for all the stakeholders to make them conversant about the use of this webtool.

Action Taken Report from GEDA:

GEDA, vide letter dated 30.07.2020, has asked MNRE for detailed guidelines in regard to portal to be made operational. On receipt of the said guidelines from MNRE, decision will be taken in regard to portal to be made operational for the State of Gujarat.

2.5 Agenda Item No. 4:

(A) In reference to discussion regarding compliance of environmental norms by generating stations, it was decided to seek such compliance report from generating stations having installed capacity of 100 MW and above.

Action Taken Report from the Staff of the Commission: Minutes of the Meeting were circulated to GSECL, GIPCL, GSEG, TPL, CLP India and Essar Power vide letter no GERC/TECH/4919/1764 dated 21.10.2019. Further, said compliance report was sought from GSECL, TPL, Adani Power, Essar Power and GMDC vide this office letter no. GERC/TECH/4920/0723 dated 13.07.2020.

Compliance reports are received only from GIPCL, GSECL and TPL.

GIPCL, GSECL and TPL shall apprise the Commission about compliance of environmental norms.

The Commission has taken serious note of the fact that other Utilities i.e. GSEG, GMDC, CLP India, Essar Power and Adani Power have not complied with the directive of the Commission. The said entities are directed to apprise the Commission about compliance of environmental norms during the meeting.

(B) It was decided that GUVNL and GSECL shall approach the Ministry of Power, Government of India to seek support from Power System Development Fund (PSDF) for incurring expenditure to meet the environmental norms.

Action Taken Report from GSECL: GSECL has approached MoP through EPD, GoG on 19.07.2017 for allocation of fund from PSDF as well as NCEF for meeting the expenditure related to installation of FGD. MoP has informed on 04.09.2018 that fund from PSDF for installation of FGD is presently not covered in the approved categories of projects from funding from PSDF and NCEEF has ascertained that no funds are available from NCEEF for installation of FGD.

After discussion during 21st meeting of Co-ordination Forum Meeting, GSECL has requested to EPD to take up the matter with MoP for allocation of fund of Rs. 2375 Crore and sent the proposal for getting fund from PSDF to achieve new environmental norms for thermal power plant of GSECL was submitted to ED, NLDC, New Delhi.

GSECL has sent reminders to NLDC through e-mails dated 24.04.2020 and 06.06.2020 and reply is still awaited.

2.6 Agenda Item No. 5: In reference to discussion on SLDC's preparedness to accurately forecast RE and compliance of provisions of fourth and fifth amendments of CERC DSM Regulations, SLDC was asked for detailed analysis on financial implication before and after the implementation of fifth amendment of CERC DSM Regulations and share the same with the Commission.

Action Taken Report from SLDC:

The implementation of the said Regulations at State level was referred to the Commission and implemented as per the directives of the Commission in Petition No. 1776 of 2019. Details of financial implication due to sign change violation are enclosed with the compliance report.

2.7 Agenda Item No. 7: In reference to discussion on replacement of faulty meters, GUVNL was directed to carry out analysis of the faulty meters keeping in view the manufacturer of the meters, area of the licensee where number of faulty meters is large, nature of faults etc. and submit a report to the Commission.

Action Taken report from GUVNL:

There is total 161 Lakhs metered consumers across all four Discoms as on March 2022. Approximately 4 Lakhs new consumers are added per year and approximately 14 Lakhs new meters are purchased per year and 9 Lakhs meters are being replaced per year by Discoms. The energy meters are received every year in a phased manner as per terms and conditions of the tender and requirement of each DISCOOM. Hence, the analysis has been done on supplier wise and AT wise for last 3 years. Further, the detailed analysis is also done on the basis of the manufacturer wise meters inspected during past 3 financial years.

The detailed analysis is done on the following aspects as per the requirement of the Commission:

1) Analysis as per area of licensee;

- % of faulty meters against total consumers,
- % of metes found faulty against inspected meters,
- % of meters inspected,
- % of meters found faulty.

2) Analysis as per meter fault;

- Manufacturer wise and,
- Nature of fault wise.

Detailed analysis with statistical data sheets are enclosed with the letter. It is further submitted that as on October 2022, there are 2.41 lakhs meters found faulty against total metered consumers 163.35 Lakhs i.e. 1.48%.

GUVNL shall apprise the Commission during the meeting about the analysis carried out.

2.8 Agenda Item No. 8:

(A) In reference to discussion on Power Quality, it was decided that Distribution Licensees to submit views on the Power Quality Report of FoR.

Action Taken report from GUVNL:

All DISCOMs have given their inputs/ views on the said point, which is appended with the letter. GUVNL's view on the said point is as under:

Parameters such as voltage variation and reliability indices are being monitored by all DISCOMs as per SoP for Distribution Licensee Regulation and power factor is being monitored by consumers and DISCOMs as per the Electricity Supply Code etc. Further, it is suggested that if norms and penalty for total harmonics distortion be determined then power quality standards can be maintained well.

GUVNL shall apprise the Commission about detailed compliance report in this regard during the meeting.

(B) It was further decided that TPL shall install the Power Quality Analysers on few locations in their distribution network and shall share the report.

Action Taken report from TPL: TPL submitted the study report vide letter dated 03.07.2021. In reference to the said Study Report, TPL was requested to prepare detailed report in the context of the FoR Model Power Quality Regulations by installing PQ analysers at few more locations covering all the PQ parameters as detailed out in the said FoR Report. TPL accordingly submitted detailed report vide letter dated 09.06.2022. On the basis of said Report, GETCO and Discoms were directed vide this office letter

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dated 25.07.2022 to install PQ analysers at few locations and create Power Quality data, in context of FoR Model Power Quality Regulations and submit the Study Report to the Commission.

Action Taken Report from GETCO:

GETCO has identified 400 kV Vadavi sub-station as an ideal location for the said study, having very good combination of multiple kind of sources as well as EHT consumers, Agriculture, industrial, domestic and commercial loads. M/s ERDA is invited for study and analysis of harmonics as well as power quality parameters at various 21 sub-stations connected with the said 400 kV Vadavi sub-station under Mehsana TR circle. Commercial offer has been received and it is under process for further study and to submit analysis report. On receipt of the said analysis report, same shall be apprised to the Commission.

GETCO shall apprise the Commission during the meeting about outcome of the said analysis.

Action Taken Report from UGVCL:

Further UGVCL has suggested to define PQ standards norms and penalty for 3rd Harmonics and Total Harmonics Distortion to maintain quality standards of power supply system such as norms defined and available for parameters such as voltage regulations and power factor. As directed by the Commission vide letter dated 25.07.2022, UGVCL has initiated process for implementation.

UGVCL shall apprise the Commission during the meeting about outcome of the said implementation.

Agenda Item No. 3: Status of RPO compliance by the obligated entities.

Status of RPO compliance by the obligated entities.

The Commission has issued Notification No. 1 of 2022, GERC (Procurement of Energy from Renewable Sources) (Third Amendment) Regulations, 2022 on 08.04.2022. The aforesaid regulations with Statement of Reasons were also uploaded on GERC website (www.gercin.org) on 08.04.2022. These Regulations shall come into force with effect from the date of their publication in the Official Gazette. The said Regulations prescribing the minimum quantum of energy to be purchased (in %) by obligated entities from renewable energy sources upto FY 2024-25.

Regulation 4 of the Principal Regulations provides for the 'Quantum of Renewable Purchase Obligation' and as per the amended Regulation, the RPO percentage for obligated entities for the FY 2017-18 to 2024-25 is as under:

Year	Minimum Quantum of purchase (in %) from renewable energy sources (in terms of energy in kWh).				
	Wind (%)	Solar (%)	Hydro Power Purchase Obligation (HPO) (%)	Others (Biomass, Bagasse, MSW and Hydro) (%)	Total (%)
(1)	(2)	(3)		(4)	(5)
2017-18	7.75	1.75		0.5	10.00
2018-19	7.95	4.25		0.5	12.70
2019-20	8.05	5.5		0.75	14.30
2020-21	8.15	6.75		0.75	15.65
2021-22	8.25	8.0		0.75	17.00
2022-23	8.25	8.0		0.75	17.00

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2023-24	8.40	9.50	0.05	0.75	18.70
2024-25	8.55	11.25	0.10	0.80	20.70

According to Regulation 6 of the GERC (Procurement of Energy from Renewable Sources) Regulations, 2010 the Commission directed the State Agency, i.e., GEDA and other obligated entities, of the State to submit their RPO compliance status report in the prescribed format on quarterly basis for the respective year.

Action Taken Report by the State Agency and Other Obligated Entities:

RPO compliance details of obligated entities for FY 2021-22

RPO Status Report of Obligated Entities for period of January 2022 to March 2022								
(4th Quarter of FY 2021-22)								
GUVNL – Actual Consumption of units up to Q4 of FY 2021-22 – 107701 MUs (excluding Hydro Consumption)								107701
	RPO 2019-20 (%)	Required MUs	Actual RE Purchased (MUs)	REC's purchas ed (MUs)	Total MUs upto present quarter	Shortfall /(Excess) in MUs	RPO Achieved (%)	
Solar	8.00%	8616	7216	0	7216	1400	6.70%	
Non-Solar	9.00%	9693	8885	0	8885	808	8.25%	
Total	17.00%	18309	16101	0	16101	2208	14.95%	
TPL (Ahmedabad, Gandhinagar + Surat) – Consumption of units up to Q4 of FY 2021-22 - 11550.08 MUs (Actual)								11550.08
Solar	8.00%	924	571.3	0	571.3	352.7	4.95%	
Non-Solar	9.00%	1040	914.5	0	914.5	125.0	7.92%	
Total	17.00%	1964	1485.8	0	1485.8	477.7	12.86%	
TPL (Dahej) – Consumption of units up to Q4 of FY 2021-22 - 677.39 MUs (Actual)								677.39
Solar	8.00%	54.19	11.43	0	11.43	42.76	1.69%	
Non-Solar	9.00%	60.97	24.14	0	24.14	36.83	3.56%	
Total	17.00%	115.16	35.57	0	35.57	79.59	5.25%	
MPSEZ Utilities Pvt. Limited – Consumption of units upto Q4 of FY 2021-22 - 385. 24 MUs (Actual)								385.24

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Solar	8.00%	30.82	17.86	0	17.86	12.96	4.64%	
Non-Solar	9.00%	34.67	47.09	0	47.09	-12.42	12.22%	
Total	17.00%	65.49	64.95	0	64.95	0.54	16.86%	
GIFT PCL – Consumption of units upto Q4 of FY 2021-22 - 29.64 MUs (Estimate)								29.64
Solar	8.00%	2.37	0.21	0	0.21	2.16	0.72%	
Non-Solar	9.00%	2.67	3.52	0	3.52	-0.86	11.89%	
Total	17.00%	5.04	3.74	0	3.74	1.30	12.61%	
Deendayal Port Authority - Consumption of units during FY 2021-22								
Quarter (FY 2021-22)	Power from Power Exchange (LU's)		RPO Solar %	RPO Non-Solar %	Solar RPO (LU's)	Non Solar RPO (LU's)	Non Solar RPO (LU's)	
First Quarter	56.58		8	9	4.46	5.09	13.48	
Second Quarter	50.41		8	9	4.03	4.54	32.15	
Third Quarter	42.53		8	9	3.4	3.83	28.5	
Fourth Quarter	30.54		8	9	2.44	2.75	33.39	

Agenda Item No. 4: Presentation by Joint Research Team of GPRD Cell- GUVNL and GETCO on implementation of Broken Conductor for 11/22 kV Feeders

In reference to the issues being faced in detection of High Impedance Faults faults by conventional/ traditional Over Current & Earth Fault Protection Relays, Joint Research Team of GPRD Cell – GUVNL and GETCO was formed with specific task of finding full proof solution for the said issues. The said JRT shall make a detailed presentation and apprise the Forum about status report of the said Task.

Agenda Item No. 5: Presentation by Chief Electrical Inspector on installations checked out during past five years

In reference to incidences of fire in ICUs of various Hospitals, Chief Electrical Inspector shall make a detailed presentation in regard to installations checked during past five years, issues found and remedies suggested and steps taken to minimize such incidences.

Agenda Item No. 6: Presentation by Chief Electrical Inspector Safety Action Plan

In reference to Safety Action Plan being sought by Chief Electrical Inspector from GUVNL, Chief Electrical Inspector, being prime authority to look after Safety Aspects, has been tasked apprising the Commission with Safety Measures taken to minimize electrical accidents. Accordingly, Chief Electrical Inspector shall make a detailed presentation on Electrical Safety Action Plan.

Agenda Item No. 7: Various Draft Regulations by the Commission

The Ministry of Power, Government of India notified the Electricity (Rights of Consumer) Rules, 2020. State Electricity Regulators have been directed either to amend existing Regulations or make new Regulations to align the Regulations with the said Rules. Accordingly, the Commission published various Draft Regulations i.e. (i) Draft GERC (Electricity Supply Code and Related Matters) (Third Amendment) Regulations, 2022; (ii) Draft GERC (Standard of Performance of Distribution Licensee) Regulations, 2022; (iii) Draft GERC (Consumer Grievances Redressal Forum and Ombudsman) (First Amendment) Regulations, 2022; (iv) Draft GERC (Security Deposit) (Third Amendment) Regulations, 2022; and (v) Draft GERC (Licensee's Power to Recover Expenditure incurred in providing supply and other Miscellaneous Charges) (Third Amendment) Regulations, 2022. Public hearing on the said Draft Regulations was scheduled on 04.05.2022. Regulations will be finalized soon after following due process.

Apart from these, based on the Green Energy Open Access Rules, 2020 and subsequent amendments notified by the Ministry of Power, Government of India, the Commission

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has published Draft GERC (terms and Conditions of Intra State Green Energy Open Access) Regulations, 2023 to invite comments/ suggestions from Stakeholders. Hearing on the said comments/ suggestions was scheduled on 28.08.2023. Regulations shall be finalized after detailed deliberations on the said comments/ suggestions.

Further, the Commission published Discussions Papers on Tariff Framework for procurement of power by distribution licensees and other from wind-solar and storage if any, hybrid projects for the State of Gujarat and also discussion paper on Tariff Framework for procurement of power by Distribution Licensees and others from Municipal Solid Waste to Energy projects in the State of Gujarat, for inviting comments/ suggestions from Stakeholders. For both the discussion papers, hearing on the comments/ suggestions received from stakeholders are concluded on 10.07.2023 and 12.07.2023, respectively. Final Tariff Orders would be published after detailed deliberations on the said comments/ suggestions.

Moreover, the Commission is already in the process of formulating the GERC (MYT) Regulations, 2023 for the 4th Control Period which will commence from FY 2024-25. The Staff of the Commission published the Discussion Paper on the aforesaid Regulation on 04/07/2023 and solicited the views/comments/suggestions from the Stakeholders. The draft GERC (MYT) Regulations, 2023 for the 4th Control Period will be/has been published to solicit views/comments/suggestions from the Stakeholders and the public hearing for the same will also be conducted. Final Regulation in this regard will be published after detailed deliberation on the said views/comments/suggestions.

Agenda Item No. 8 : Representation of consumers for discussion during the meeting

(1) Letter from Gujarat Krushi Vij Grahak Suraksha Sangh in regard to requirements of more CGRFs in the State

Gujarat Krushi Vij Grahak Suraksha Sangh, vide letter dated 25.05.2021, has requested to the Commission for establishment of more CGRFs in the following areas;

PGVCL – Jamnagar, Surendranagar, Gandhidham

UGVCL – Himmatnagar, Gandhinagar

MGVCL – Nadiad

DGVCL – Bharuch

Discoms are requested to present their views on the said representation.

(2) Complaints from various Stakeholders in regard to non-compliance of Order of Hon'ble High Court in SCA 1634/2019 and non-compliance of Regulation 4.95 of the GERC (Electricity Supply Code and Related Matters) Regulations, 2015 by Discoms

The Commission has received representations from consumers in regard to provisional assessment bills for usage of excess load under Section 126 of the Act, 2003 and thus non-compliance of order of Hon'ble High Court in SCA 1634/2019 and non-compliance of Regulation 4.95 of the GERC (Electricity Supply Code and Related Matters) Regulations, 2015 by Discoms. Discoms are requested to apprise the Commission about the issue in detail.

Further, GUVNL has presented factual background of the issue as below;

- As per Clause 4.95 of the GERC Supply Code, DISCOMs have to initiate actions for regularization of consumer's load/ demand if actual load/ demand is found to be higher than contracted load/ demand and exceeds the limit prescribed under the regulations. As per Clause 7.41 of the said Supply Code, DISCOMs can treat consumer load/ demand which is in excess of contracted load/ demand as an unauthorized load and issue assessment bill to consumer as per the methodology prescribed in the Clause 7.40 of the said Supply Code. The harmonious reading of the said provisions of the Supply Code establishes that the actions under Clause 4.95 and actions under Clause 7.41 are distinct and independent.
- In response of communication from MGVCL in order to have uniform implementation of Supply Code across all DISCOMs on the said aspects, GUVNL vide letter dated 16.02.2016 has issued clarification to DISCOMs as under;

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It is clarified that upon inspection by authorized officer, the connected load at consumer premise found in excess of contracted/ sanctioned load in case of non- demand based consumers, such excess load is to be dealt as per Clause 7.41 of Supply Code-2015.

Further, Distribution Company shall also issue 60 days notice to consumer for submitting application for enhancement of load, if it is found that connected load is 25% or more than the sanction/ contracted load in case of residential consumers and 10% or more than the sanction/ contracted load in case of other category of consumers. In case consumer does not respond to such notice, distribution licensee shall initiate actions for regularization of the enhanced load as per clause 4.95 of Supply Code.

- In case of one of the consumer M/s Inter wood Furniture, MGVL issued assessment bill due to unauthorized load/ demand. M/s Inter wood Furniture had challenged assessment bill issued by MGVL before Appellate Authority, Chief Electrical Inspector, Vadodara. The CEI vide Judgment dated 24.08.2018 had set aside the assessment bill issued by MGVL on the ground that MGVL was required to take actions for regularization of excess demand/ load as per Clause 4.95 of Supply Code 2015.
- Against which, MGVL has filed SCA No. 1634/ 2019 before High Court, Gujarat. The High Court vide Order dated 18.04.2019 has upheld the decision of Appellate Authority. MGVL has filed Letters Patent Appeal No. 1315/2019 before Hon'ble Division Bench against judgment dated 18.04.2019 in SCA No. 1634/2019. Hon'ble Division Bench vide oral Order dated 12.07.2019 has admitted the appeal and directed to list the matter for final hearing.
- Thus, the matter of assessment bill due to unauthorized load/ demand is pending before the Division Bench of Hon'ble High Court under LPA No. 1315/2019 filed by MGVL.
- Since the matter of issuing assessment bill due to unauthorized load/ demand is sub-judice before Division Bench of Hon'ble High Court, the actions shall be taken by DISCOMs as per the final outcome in the matter.

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Agenda Item No. 9

Presentation on Transmission Network Status by GETCO

Agenda Item No. 10

Presentation on Power Sector Scenario by GUVNL.

Agenda Item No. 11

Any other Item with the permission of Chair.

Sd/-
(D. R. Parmar)
Director
Gujarat Electricity Regulatory Commission
Gandhinagar

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