

**AGENDA NOTE FOR THE 14TH MEETING OF THE CO-ORDINATION FORUM**

**AGENDA NOTE  
FOR  
THE 14<sup>TH</sup> MEETING OF THE CO-ORDINATION FORUM**

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Date	22/01/2014
Time	2:30 PM
Venue	GERC Office, GIFT City, Gandhinagar

<b>ITEM NO.</b>	<b>NOTES ON AGENDA</b>
1.	Approval of the minutes of the 13 <sup>th</sup> Meeting of the Co-Ordination Forum held on 18 <sup>th</sup> July, 2013
2.	Action Taken Report on the minutes of the 13 <sup>th</sup> Meeting of the Co-Ordination Forum
3.	Petitions for Business Plan Review and Determination of Tariff for FY 2014-15
4.	Regulation on Demand Side Management
5.	Fuel Audit of GSECL and TPL stations
6.	Comprehensive Third Party Audit of Annual Accounts of State Owned DISCOMs and TPL.
7.	Standard of Performance (SoP) and Monitoring of performance of CGRFs
8.	Draft Amendment to RPO Regulations, 2010
9.	Status of Transmission Projects-
10.	Status of RPO - Presentation by GEDA
11.	Presentation on Power Sector Scenario by GUVNL
12.	Any other Item with the permission of Chair

**Agenda Item No. 1**

**Approval of the minutes of the 13<sup>th</sup> Meeting of the Co-Ordination Forum held on 18<sup>th</sup> July, 2013**

GERC vide its letter no GERC/VHT/Minutes/13<sup>th</sup> Co-ordination/2013/1633 dated 19/08/2013 circulated minutes of the 13<sup>th</sup> Meetings of Co-ordination forum held on 18<sup>th</sup> July 2013 at Gandhinagar. Since, no comments have been received from the members, Minutes of the 13<sup>th</sup> Meeting may be treated as approved.

**Agenda Item No. 2**

Action Taken Report on the minutes of the 12<sup>th</sup> Meeting of the Co-Ordination Forum:

- 2.1 Item No. 2.2 (6):** It was instructed to CEI to complete the entire process for framing the safety rules within one month. It was also instructed to PGVCL, MGVCL and DGVCL to expedite the work of removal of cables hanging on electricity poles.

**Action Taken Reports of CEI and DISCOMS:**

DISCOMs have informed that they have taken up activity of removal of cable. Advertisements have been given in Newspapers and meetings held with Cable Operators. They have reported that Cable removing activity is a continuous process. Details of locations cleared by distribution licensees are placed at Annexure A.

CEI on analyzing various provisions of the Cable Television Network Act, 2005 and CEA (Measures related to Safety and Electricity Supply) Regulations, 2010 opined that it is the DISCOM who has to decide whether to enter into a commercial agreement with cable TV operators by incorporating suitable terms to ensure safety by fixing clear accountability and responsibility for any mishap or accident. He has also stated that the DISCOMs may remove TV cables laid on the supports of their line to ensure safety of linesmen and other public. He added that it is a legal obligation of the DISCOMs to ensure and maintain electrical safety by making all necessary provisions to guard against danger to their personnel and public. Hence, he felt that framing of separate guidelines for laying tv and channel cables on the supports of electric lines may not be necessary.

- 2.2 Item No. 2.2 (9):** It was advised to PGVCL to take steps to achieve the target of reducing T & D losses at the end of FY 2013-14.

**Action Taken Reports of PGVCL:**

PGVCL stated that it has continued its efforts and activities, both technical and commercial, for reduction of Distribution losses. Status of Distribution loss as on September, 2013 is given as Annexure B. It can be visualized that consistent reduction in Distribution loss for other than Agriculture category is achieved. Monsoon plays very important role for the losses of Agriculture category. PGVCL is determined to reduce its Distribution loss.

- 2.3 Item No. 2 (7):** It was advised to CEI to consult inverter manufacturers about islanding facilities they are offering in the inverter and suggest improvement in it. It was also instructed to CEI to come out with the Guidelines for Connectivity Standards for Distributed Generation Sources for voltage level below 33 kV within one month.

**Action Taken Report of CEI:**

CEI stated that the main objective to frame the specifications is that the connectivity of Solar Rooftop generation shall not hinder the performance of the distribution network and the distribution network shall continue to perform with adequate reliability, safety, security and quality. General Connectivity Norms are attached herewith as Annexure C.

- 2.4 Item No. 2 (8):** GUVNL was advised to hold a meeting with DISCOMs, TPL and CEI to frame the test report format and formulate a system for enforcement of the same.

**Action Taken Reports of GUVNL and DISCOMS:**

GUVNL stated that a meeting with all DISCOMs under Chairmanship of Chief Electrical Inspector was held on 07/10/2013 at Gandhinagar. During the meeting, the matter was discussed at length and it was emerged that the Test Report with consumer ID should be generated from e-Urja, when consumer pays estimated amount. Star rating of motor/equipments, capacitors to be installed etc. should also be included in TR. Based on the discussion during the above meeting, and suggestions received subsequently from DISCOMs, a draft Test Report prepared is forwarded to CEI for approval vide letter dated 26/11/2013 (Annexure D).

Draft Test Report is enclosed herewith as Annexure E.

Reply received from CEI is kept herewith as Annexure F.

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**2.5 Item No. 2 (9 B):** DISCOMs and TPL were directed to give a detailed report of the review done by their MDs on compliance of CGRF and Ombudsman's orders showing numbers of order issued by them, numbers of order implemented and reason for non-implementation of orders instead of giving general reply.

### **Action Taken Reports of DISCOMS and TPL:**

MGVCL stated that the orders of CGRF and Ombudsman are reviewed for their implementation during regular meeting by MD for performance review and monitoring of field offices. Also the same is reviewed during SE Conference held regularly at Corporate Office. Up to 31<sup>st</sup> August, 2013, total 70 nos. orders are issued by CGRF of MGVCL. The details in stipulated format are regularly submitted by the Forum. Recently it was reviewed on 09/09/2013.

DGVCL stated that the Managing Director reviews SOP compliances and compliance of CGRF as well as Ombudsman orders on a regular basis. The details No. of Grievances Disposed during the Year wise are attached herewith as Annexure G.

PGVCL stated that the meeting is being arranged at MD level with officers of the rank of Superintending Engineer every month to review the performance and progress on various aspects/activities. During the course of meetings, orders issued by CGRFs and Ombudsman are reviewed. Upto September, 2013 257 nos. of orders were issued by CGRFs of PGVCL and all are implemented whereas 25 nos. orders were issued by the Ombudsman out of which 17 nos. have been implemented and 8 nos. are under scrutiny for implementation.

UGVCL stated that in HOD meetings held every month, CGRF and Ombudsman orders are reviewed in detail by MD. The details of orders received and implemented from April to Sept. are attached herewith as Annexure H.

TPL stated that Executive Director has reviewed the status of CGRF/ Ombudsman Orders. During the quarter, there is no order issued by CGRF/Ombudsman is pending for implementation. The status of Compliance is furnished at Annexure I.

**2.6 Item No. 2 (10):** All DISCOMs were directed to install meter on HVDS transformers also even if there was only one metered consumer connected to that transformer.

**Action Taken Reports of DISCOMS:**

MGVCL stated that most of agriculture connections are scattered and situated at very remote places. It is experienced that at such places where DTR meters are provided, the meters are either broken or damaged by farmers. Particularly in HVDS where there is single connection on single transformer, it is experienced that the farmers misuse this DTR metering arrangement and draw the power directly by tapping it using private cable. So to curb theft of power, it is prevailing practice of providing single DTR with single metered Agriculture Connection service line which is given directly from LT bushing to three phase meter. To restrict possibility of illegal tapping from bushing, the LT bushings are solidly tightened with M-seal after connecting cables. Also field officers are instructed to closely monitor and study consumption pattern and carryout frequent installation checking to restrict tampering of meter. The meter provided at consumer end is considered for purpose of energy audit.

DGVCL stated that it has provided Meter on Distribution Transformers for evaluation the energy on transformer centre as on OCT-2013 is as attached as Annexure J. It can be seen from the table that 65.39 % Metering Completed, and all circle heads are instructed to complete the balance work at the earliest and evaluate the energy on transformer centre. 11 KV Kansad Ag feeders calculation of losses evaluated by Surat city circle it is 2.34 %.

All field officers are instructed to speed up the process of installation of meters on distribution transformer; the work will be completed within two years.

PGVCL stated that the field offices are instructed to gear up the activity. The progress is discussed during review meetings and it is emphasized that analysis of energy accounting at DTR level is useful to take up focused activities at the critical areas.

UGVCL stated that the latest update as on September, 2013 is attached herewith as Annexure K. As directed instructions are given for installing meters on HVDS transformers also.

- 2.7 Item No. 4:** Utilities were advised to take up DSM activities in true spirit and to incorporate the plan of installing solar pumps for irrigation as one of the DSM activity.

**Action Taken Reports of DISCOMS and TPL:**

TERI had assured to submit DSM Plan to the Commission by October, 2013. Regarding other activities related to DSM Plan, MGVCL reported that they are in planning to install 5 Solar Water Pumps in their area.

Further, MGVCL reported that regrouping of AG groups have been approved and implemented. Regrouping would accommodate load growth in evenly manner for better load management and flattening of load curve for optimum utilization of generation resources.

PGVCL stated that 5 Nos. of Solar Pump sets have been installed by PGVCL.

TPL stated that it will share the suggestion regarding inclusion of solar pumps for irrigation purpose in the DSM action plan with its consultant TERI.

**Agenda Item No. 3**

**Petitions for Review of Business Plan and Determination of Tariff for FY 2014-15.**

All the Utilities except KPT have filed their petitions for Review of Business Plan for the FY 2014-16, True-up of FY 2012-13 and Determination of Tariff for FY 2014-15. All the petitions have been registered and Utilities have been asked to give wide circulation for soliciting views from various Stakeholders and Consumers. The Commission has decided to hear the views of Stake Holders on Business Plan Review Petitions and Tariff Petitions together. The Commission has engaged ASCI to assist in the Business Plan Review and Tariff Determination process.

**Agenda Item No. 4**

**Regulation on Demand Side Management**

The Commission has notified the GERC (Demand Side Management) Regulation 2012 on 8<sup>th</sup> May 2012. According to Regulation, the distribution licensees have constituted the DSM Cell. The work for load research activity and identification of technical potential of DSM in licensee area is assigned to TERI by DISCOMs. During the meeting with representatives of DISCOMs and TERI on 5<sup>th</sup> September, 2013, progress of load research activity was reviewed and the time limit extension as proposed by GUVNL was approved till 6<sup>th</sup> November, 2013 for submission of Final DSM Plan. TPL has also carried out load research activity which was reviewed by the Commission on 19<sup>th</sup> September, 2013. TPL has also engaged TERI as a consultant for preparation of DSM Plan and requested the Commission for time limit

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extension up to March, 2014 for submission of Final DSM Plan. On requests of GUVNL and TPL, the Commission has granted extension up to 6<sup>th</sup> January, 2014 for submission of Final DSM Plan. Other Deemed distribution licensees i.e. SEZs have submitted that they are at nascent stage of Distribution Licensee operation. They will carry out and follow the DSM activities as prescribed in the Regulations with available resources with them.

### **Agenda Item No. 5**

#### **Fuel Audit of GSECL and TPL stations**

Final Report of the Fuel Audit of GSECL and TPL stations have been sent to both the utilities and directed to implement the recommendations made therein.

### **Agenda Item No. 6**

#### **Comprehensive Third Party Audit of Annual Accounts of State Owned DISCOMs and TPL.**

Final Report from the Auditor is waited.

### **Agenda Item No.7**

#### **Standard of Performance (SoP) and Monitoring of performance of CGRFs**

Utility wise SOP reports for the quarters Q1 & Q2 FY 2013-14 along with reports of previous year with Commission's observation are kept as Annexure L.

The numbers of Fatal Human accidents in UGVCL and the number of Non Fatal Human accidents in DGVCL have increased in Q2 FY 13-14 w.r.t. Q2 FY 12-13. The performance in the case of reduction in accidents is not encouraging. The DISCOMs should arrange mass public awareness programmes for Safety.

Failure rate of Distribution transformers in both the quarters i.e. Q1 & Q2 FY 2013-14 increased in PGVCL w.r.t. similar period of previous quarters.

Monitoring reports of CGRFs for Q1 FY 13-14 and Q2 FY 13-14 are kept at Annexure- M and N.

**Agenda item No. 8**

**Draft Amendment to RPO Regulations, 2010**

The Commission, through the GERC (Procurement of Energy from Renewable Sources) Regulations, 2010, notified on 17.04.2010, had prescribed the Renewable Purchase Obligation for the obligated entities in the State of Gujarat for the years 2010-11, 2011-12 and 2012-13. In order to prescribe the RPO for the subsequent years, the Commission has issued a Draft Amendment to the above regulations. Keeping in view the targets set in the National Tariff Policy and the National Action Plan on climate change, as well as the potential of renewable sources in the State, the Commission has proposed the following trajectory for the RPO.

Year	Minimum Quantum of purchase (in %) from renewable energy sources (in terms of energy in kWh)			
	TOTAL	Wind	Solar	Others (Biomass, Bagasse, MSW, etc.)
2010-11	5.0	4.5	0.25	0.25
2011-12	6.0	5.0	0.5	0.5
2012-13	7.0	5.5	1.0	0.5
2013-14	7.0	5.5	1.0	0.5
2014-15	8.0	6.25	1.25	0.5
2015-16	9.0	7.0	1.5	0.5
2016-17	10.0	7.75	1.75	0.5

In the draft amendment, the Commission has also proposed certain other additions regarding Average Power Purchase Cost.

The Forum may like to discuss.

**Agenda Item No. 9**

**Status of Transmission Projects**

GETCO shall make a presentation of status of Transmission Projects.

**Agenda Item No. 10 :** Status of RPO - Presentation by GEDA.

**Agenda Item No. 11 :** Presentation on Power Sector Scenario by GUVNL.

**Agenda Item No. 12 :** Any other Item with the permission of Chair.

**ANNEXURE A (Item No. 2.2 (6))**

**DETAILS OF ILLEGAL CABES REMOVED AS ON 31/08/2013- BY MGVCL**

- As on 31.08.2013, illegal cables at 1258 nos. location on HT poles and 2854 nos. locations on LT poles are removed. 189 nos. notices are issued to the cable operators as on 31.08.2013.

**DETAILS OF ILLEGAL CABES REMOVED AS ON September, 2013- BY DGVCL**

Sr. no.	Name of circle	Total location identified for removal of cables/ Hoardings .etc		Notice issued to cable operator	Channel/internet/broad band Cables removed from no's of poles		Hoardings removed from no's of poles		Telephone cable removed from no's of poles		Total Work done	
		HT	LT		HT	LT	HT	LT	HT	LT	HT	LT
1	Surat city	1321	1322	61	313	297	103	155	7	18	423	470
2	Surat rural	356	1162	84	83	143	90	368	21	83	192	591
3	Valsad	3447	2621	155	39	61	302	148	15	31	317	179
4	Bharuch	6342	10388	63	659	1002	83	56	29	22	771	1080
Total		11466	15493	363	1094	1503	578	727	72	154	1703	2320

**ANNEXURE A (Item No. 2.2 (6))**

**DETAILS OF ILLEGAL CABES REMOVED- BY PGVCL**

- Uptill now, PGVCL has removed cables from 3313 nos. of locations.

**DETAILS OF ILLEGAL CABES REMOVED AS ON 30/09/2013- BY UGVCL**

Sr. No	Name of circle	Total location identified for removal of cables/ Hoardings. etc		Notice issued to cable operator	Channel/internet/broad band Cables removed from no's of poles		Hoardings removed from no's of poles		Telephone cable removed from no's of poles		Total Work done	
		HT	LT		HT	LT	HT	LT	HT	LT	HT	LT
1	Himatnagar	3487	3304	31	458	417	54	62	6	9	518	488
2	Palanpur	2879	2795	195	1168	1168	918	1320	1022	174	2688	2662
3	Mehsana	5349	5968	69	3127	5848	33	54	0	0	3160	5902
4	Sabarmati	9268	8566	109	4178	4229	638	712	155	180	4971	5121
Total		20983	20633	404	8511	11662	1643	2148	1183	363	11337	14173

**DETAILS OF ILLEGAL CABES REMOVED- BY TPL**

- TPL has identified 538 such locations and removed the cables from 486 locations in Ahmedabad. For the pending 52 locations, the safe distance with respect to EHV line has been ensured by lowering the TV/telephone cable and also issued the notice for removal of such cables with a copy to Electrical Inspector.

**ANNEXURE B (Item No. 2.2 (9))**

**STATUS OF DISTRIBUTION LOSSES AS ON SEPTEMBER, 2013- PGVCL**

<b>Distribution Losses (%)</b>						
<b>Sr No</b>	<b>Category</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>September 2012</b>	<b>September 2013</b>
1	Overall	25.72	26.54	27.63	28.49	18.97
2	Ag Dom	31.53	36.26	39.80	42.29	23.23
3	Other than Ag.	22.56	20.93	19.64	21.08	17.23

## ANNEXURE C (Item No. 2 (7))

### **GENERAL CONNECTIVITY NORMS FOR INSTALLATION OF VARIOUS LT ROOFTOP SOLAR POWER PLANTS**

1. The installation of the Solar Plant shall be in accordance with the Electricity Act, 2003, GERC (Electricity Supply Code and Related Matters) Regulations, 2005 and the CEA (Measures relating to Safety and Electric Supply) regulations, 2010.
2. Drawing showing the scheme of installation and connectivity with the distribution network shall have been approved by the Chief Electrical Inspector.
3. NOC of DISCOM for paralleling with distribution network shall be obtained before commissioning of such solar power plant. Such permission may be issued by DISCOM after evaluating all technical parameters and consequences related to distribution network safety and particularly mention in NOC that the grid is safe after connectivity of the solar power plant.
4. After getting the NOC from concerned DISCOM, permission of the Chief Electrical Inspector shall be obtained before making a Distribution Network Connection.
5. An inverter shall have facility of automatic disconnection in case of low voltage or no voltage. In addition to disconnection from the distribution network (islanding protection) on no supply, under and over voltage conditions, Rooftop Solar system shall also be provided with fuses of adequate rating on inverter input side (DC) as well as output side (AC) side for overload and short circuit protection.
6. There could always be possibility of something being wrong with the inverter and it continues to put electricity to the distribution network in the event of distribution network failure. In such case, to avoid any probable accident, a manual disconnect switch in addition to automatic disconnection facility shall be provided to isolate the distribution network by the DISCOM personnel and ensure the disconnection of solar power plant from grid network before carrying out any maintenance. This switch shall be locked by the DISCOM.
7. Solar Power Generator shall submit all test results of the Solar Power Plant to DISCOM and CEI once every year.
8. Solar installation should be connected through 4-pole isolating switch with a LV circuit breaker of appropriate current rating and appropriate breaking

capacity. The circuit breaker shall have following protection. Or other similar facility as per IS standard.

Bi-directional three/single phase over current and Earth fault protection with selective curve and time and plug setting. Or other similar facility as per IS standard.

a. Definite time three/single phase over current protection and adjustable time and current setting up to ten times the current.

9. Generator shall fully cooperate with DISCOM for carrying out planned or unplanned shut down as per the network requirement and shall provide proper isolation and ensure that it's electrical engineer remains present during the shutdown.
10. The rooftop solar plant inverter and its accessories shall meet with the relevant standards and in addition to the following:
  - a. IEC 519-1992
  - b. IEC 928
  - c. IEC 929
  - d. IEC 61215 (2005)
  - e. IEC 61727
  - f. IEC 61730-1&2
  - g. IEC 62103
  - h. IEC 6C904 (2006)
  - i. IEC- 62446
  - j. IEC-62116
11. The voltage level for injection of power into the DISCOM distribution network from the solar plant will be as per the applicable provision of supply code.
12. Aggregate capacity of solar rooftop should not exceed 70 % of rated capacity of Distribution Transformer where solar plant to be connected in parallel with distribution network at a given location.
13. The solar plant's short circuit level, fault clearance time, current unbalance, limit of harmonics shall be as per applicable codes/standards.
14. Maintenance of network connection point with the DISCOM distribution network shall be carried out by the Generator as well as DISCOM regularly.
15. For the purpose of monitoring of solar generation and energy injection into the distribution network, the applicant shall provide necessary facilities in the Rooftop Solar Power Plants for communication and storage of data and other parameters as may be stipulated by the concerned licensee.

16. Any isolation device shall not be bypassed or removed under any circumstances.
17. In case of non-availability of even one phase from Distribution network solar plant shall be totally isolated from distribution network and there shall not be any residual voltage which may lead to any accident.

**PROCEDURE FOR AVAILING CONNECTIVITY FOR ROOFTOP SOLAR:**

- i. The applicant shall make a formal request for connectivity to the concerned DISCOM by furnishing data such as capacity of the project, commercial arrangement for disposal of energy generated from the plant, level of voltage at which connectivity is required, point of injection, specifications of equipment and other information as may be required by the concerned DISCOM.
- ii. The applicant shall be responsible for the planning, design, construction, reliability, protection and safe operation of its own equipment subject to the norms for construction, operation maintenance and connectivity and other relevant statutory provisions.
- iii. Upon receipt of application for connectivity, the concerned DISCOM shall carry out pre-feasibility inter-connection study in order to determine.
  - (a) The Point of inter-connection, required interconnection facilities and modification required on the existing network, if any, so as to accommodate the proposed interconnection.
  - (b) The aggregate maximum net capacity of the Solar Rooftop plants connected with the network at a given location and imbalance in the power flows that rooftop solar plant may cause.
  - (c) Likely impact, if any, on the quality of service to the consumers connected to the network and measures to mitigate the same.
  - (d) Additional measures to ensure safety to the equipment and personnel of DISCOM.
- iv. Very distribution network connection of a Rooftop Solar shall be covered by “ Connection Agreement” in accordance with the prevailing Government Policy which shall be executed between the applicant and concerned DISCOM.

**OPERATING STANDARDS FOR SOLAR ROOFTOP POWER PLANTS:**

The following operating standards shall be observed by the Rooftop Solar Power Generators.

- i. The solar rooftop plant shall not inject DC current in to the grid greater than 0.5 % of the full rated output at the interconnection point.
- ii. Solar Rooftop Plants connected with the distribution network shall be equipped with the following protective functions to sense abnormal conditions on electricity system and cause the Rooftop Solar Plant to be automatically disconnected from electricity system or to prevent the Rooftop plant from being connected to electricity system inappropriately.
  - (a) Over and under voltage trip functions if voltage reaches above/below the specified time with a clearing time of 2 seconds.
  - (b) The rooftop solar plant shall cease to energize the circuit to which it is connected in case of any fault in this circuit.
  - (c) A voltage and frequency sensing and time-delay function to prevent the solar rooftop plant from energizing a de-energized circuit and prevent the plant from reconnecting with electricity system unless voltage and frequency is within the prescribed limits and are stable for at least 60 seconds; and
  - (d) A function to prevent the solar rooftop plants from contributing to the formation of an unintended island, and cease to energize the electricity system immediately after the formation of an unintended island.



	<b>Gujarat Urja Vikas Nigam Limited</b> (An ISO 9001:2008 Company) Sardar Patel Vidyut Bhavan Race Course, Vadodara-390007	
	No. GUVNL/Tech/GERC/TR/ 2397 Date: 26.11.2013	Email: cetech.guvnl@gebmail.com

To,  
 The Chief Electrical Inspector  
 Block No. 18, 6<sup>th</sup> Floor,  
 Udyog Bhavan, Sector-11,  
 Gandhinagar-382017

Sub: Draft Test Report Format

Sir,

This refers to Item No.8 of the Minutes of the 13<sup>th</sup> Meeting of the Co-ordination Forum held on 18.07.2013 wherein the Hon. Commission advised GUVNL to hold a meeting with DISCOMs, TPL and CEI to framing the Test Report Format and formulate a system for enforcement of the same.

In the above context, a meeting with all DISCOMs under your Chairmanship was held on 7.10.2013 at Gandhinagar. During the meeting, the matter was discussed at length and it was emerged that Test Report with consumer ID form should be generated from e-Urja when consumer pays estimated amount. Star rating of motor/equipments, capacitors to be installed etc. should also be included in the TR. The Test Report with all details, is required to be submitted by the consumer.

Based on the discussion during the meeting on 7.10.2013 and suggestions received subsequently from our DISCOMs, a draft Test Report format prepared is submitted herewith for your perusal and approval in order to circulate the same to all DISCOMs for uniform implementation.

Thanking You,

Yours Sincerely,



(Y D Brahmhatt)  
 I/C Chief Engineer (T)

LOGO

DISCOM

**Electrical Contractor's Completion and Installation Test Report**

Circle: \_\_\_\_\_ Division: \_\_\_\_\_ Sub-Division: \_\_\_\_\_

**Applicant's Details**

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_, Contact No. \_\_\_\_\_

E-Urja SR No.\*: \_\_\_\_\_ Application Date: \_\_\_\_\_

Type of Connection: RGP / GLP / Non-RGP / LTMD / Street Light / Water Works / Agri.

Contracted Load: \_\_\_\_\_ KW, Nos. of Phase: 1 $\phi$  / 3 $\phi$ , Purpose: \_\_\_\_\_

**Details of Installation**

Lighting Load	Nos.	Star rating	Wattage Each	Total Wattage	Accessories Details																														
Bulb																																			
Light																																			
Fan																																			
Plug																																			
TV																																			
Computer																																			
Refrigerator						Earthing Details																													
Oven																																			
Geyser																																			
Air-Conditioner																																			
Grinder/Mixture																																			
Water Pump																																			
1 Phase Motor																																			
Washing Machine																																			
5 A Plug																																			
15 A plug																																			
<b>Motive Load Details (Total KW) =</b> <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Sr. No.</th> <th>KW</th> <th>Star rating</th> <th>Nos.</th> <th>Total Wattage</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td></tr> </tbody> </table>					Sr. No.	KW	Star rating	Nos.	Total Wattage	1					2					3					4					5					<b>Other Details</b> <ul style="list-style-type: none"> <li>Type of Gadgets</li> <li>Specification of Materials used</li> </ul>
Sr. No.	KW	Star rating	Nos.	Total Wattage																															
1																																			
2																																			
3																																			
4																																			
5																																			

More load details should be submitted in separate sheet (if any)

	ELCB	Capacitor	Insulation Resistance Test	Phase to earth	Phase to Phase	Neutral to Earth
Make			Lighting Circuit	M $\Omega$	M $\Omega$	
Capacity			Motor Circuit	M $\Omega$	M $\Omega$	
Sr.No.						
Sensitivity						

**Total Connected Load: Lighting Load \_\_\_\_\_ KW + Motive Load \_\_\_\_\_ KW = \_\_\_\_\_ KW**

This installation as per details given above is tested by me/us on date \_\_\_\_\_ and found complete in all respects and conforms to the regulations, as per the Central Electricity Regulations, 2010

LOGO

DISCOM

**Electrical Contractor's Completion and Installation Test Report**Electrical Contractor's Stamp and Signature  
with validity (in DD/MM/YY)Electrical Supervisor's Stamp and Signature  
with validity (in DD/MM/YY)

License No. :

Permit No. :

**This Side is for DISCOM**

Consumer No.: \_\_\_\_\_ Date of Connection: \_\_\_\_\_

Category of Connection: RGP / GLP / Non-RGP / LTMD / Street Light / Water Works / Agri.

Type of Conn. HT/LT

Total Connected Load: \_\_\_\_\_ Service Line (Size): \_\_\_\_\_

Meter Detail:

Meter's Make:		Meter Capacity:	
Meter's Sr. No.:		Meter Initial Reading:	
Meter Body Seal Nos.		MMB Seal Nos.	
CT Ratio:		Multiplying Factor :	

Feeder Name: \_\_\_\_\_ Feeder Code: \_\_\_\_\_

Sub-Station Name: \_\_\_\_\_

DTR Code No: \_\_\_\_\_

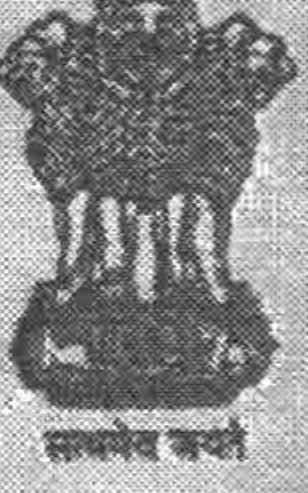
Earth Terminal provided at Consumer end: \_\_\_\_\_

Purpose of Electricity: \_\_\_\_\_

Signature with Name &amp; Date

\_\_\_\_\_  
Lineman\_\_\_\_\_  
Jr. Engineer\_\_\_\_\_  
Dy. Engineer\_\_\_\_\_  
(Accounts)

Registered Post A.D.

 सत्यमेव जयते Gujarat State	<b>OFFICE OF THE CHIEF ELECTRICAL INSPECTOR</b> Block No: 18, 6 <sup>th</sup> Floor, Udyog Bhavan, Sector-11, Gandhinagar-382017		
	No: CEI/INS/LB/2013/ DATE <b>01 MAY 2013</b>	<b>4344</b>	E-mail: cei-epd@gujarat.gov.in cei-ener@gujarat.gov.in

To,  
 The Secretary,  
 Gujarat Electricity Regulatory Commission,  
 Ahmedabad.

**Sub: Issuance of electrical contractors' license and Role of DISCOMs before release of connection.**

Sir,

With reference to the above, it is stated that during the meeting of Co-ordination forum on 24/04/2013, under agenda item no. 8 - Suggestion on Function of Licensed Electrical Contractors, the issue of role of electrical contractors in reducing accidents in household was discussed at length. The discussion further led to the procedure of issuance of the licenses to these contractors by State government and the role of DISCOMs in the safety aspect of household wiring before release of connection. Finally, Hon'ble chairman had directed undersigned to send a note on the above issues.

Under rule 45 of the previous Indian Electricity Rules, 1956, the State Government had notified the Rules and Conditions for issuing certificate of competency under rule 45 of the Indian electricity Rules, 1956. This provided for establishment of Licensing Board to issue licenses to Electrical contractors, supervisors and wiremen. Recently after the enforcement of CEA (measures related to safety and Electricity supply) Regulations, 2010, Government has recently notified the similar kind of regulations under regulation 29. The copy of the said regulations is attached.

The important provisions of regulations are as under:

1. Establishment of Licensing Board.
2. Procedures to issue licenses to Contractors, supervisors and wiremen.
3. Procedures relating to conduct examination.
4. Eligibility to get exemption from examination.

5. Procedure to revoke or suspend license in case of any irregularities being carried out by any contractor.

The Licensing Board has different representatives from organizations like GUVNL, TPL, Road and Building department, Contractors' association, Energy auditors' associations, etc.

This Board issues licenses to the Electrical Contractors, issues permits to the supervisors and wiremen, conducts examinations for supervisors and wiremen, hears and decides cases of malpractice by electrical contractors, supervisors and wiremen.

An electrical contractor should either hold the supervisor's license or has to employ a full time licensed electrical supervisor, has to possess measuring equipments, has to keep a staff register and has to keep a contract register.

In case of any complaint of irregularity being carried out by the licensed contractor, given by any person, the Inspectorate investigates the matter and report is submitted to the Licensing Board, which decides about suspension of the license. Yearly about 40 to 50 licenses are suspended for two to three years.

The supervisor's exam is conducted twice a year, wherein the paper setters and oral examiners are renowned professors from distinguished engineering colleges. The result of this exam is normally 6 to 8%. After passing these exams only the licenses are issued. Diploma or degree holders in engineering are given exemption from examinations and issued supervisor's licenses based on their certificates.

From the above, it is seen that the Licensing Board is a well-established organization functional since more than 50 years and is functional in many states of India.

During the discussion a point was also raised regarding sole powers of electrical contractors in the matter of practices and quality of household wiring, in this regard some of the provisions of CEA safety regulations relating to tests to be carried out by licensees or contractors are mentioned below:

**31. Testing of consumer's installation-**

(1) Upon receipt of an application for a new or additional supply of energy and before connecting the supply or reconnecting the same after a period of six months, the supplier shall either inspect and test the applicants' installation or accept the results submitted by the consumer when the same has been signed by the licensed Electrical Contractor.

(2) The supplier shall maintain a record of test results obtained at each supply point to a consumer, in a Schedule V.

(3) If as a result of such inspection and test, the supplier is satisfied that the installation is likely to be dangerous, he shall serve on the applicant a notice in writing requiring him to make such modifications as are necessary to render the installation safe and may refuse to connect or reconnect the supply until the required modifications have been completed.

**33. Precautions against leakage before connection-** (1) **The supplier shall not connect with his works the installation or apparatus on the premises of any applicant for supply unless he is reasonably satisfied that the connection will not at the time of making the connection cause a leakage from that installation or apparatus of a magnitude detrimental to safety. Which shall be checked by measuring the installation resistance as under:**

(2) **If the supplier declines to make a connection under the provisions of sub-regulation (1), he shall convey to the applicant the reasons in writing for so declining.**

**34. Leakage on consumer's premises-**

(1) If the Electrical Inspector or the supplier has reasons to believe that there is leakage in the system of a consumer which is likely to affect injuriously the use of energy by the supplier or by other persons, or which is likely to cause danger, he may give the consumer notice in writing that he desires to inspect and test the consumer's installation.

(2) If on such notice being given the consumer does not give all reasonable facilities for inspection and testing of his installation, or when an insulation resistance at the consumer's installation is so low as to prevent safe use of electricity, the supplier may, and if directed so to do by the Electrical Inspector shall discontinue the supply of energy to the installation but only after giving to the consumer forty eight hours' notice in writing of disconnection of supply and shall not recommence the supply until he or the Electrical Inspector is satisfied that the cause of the leakage has been removed."

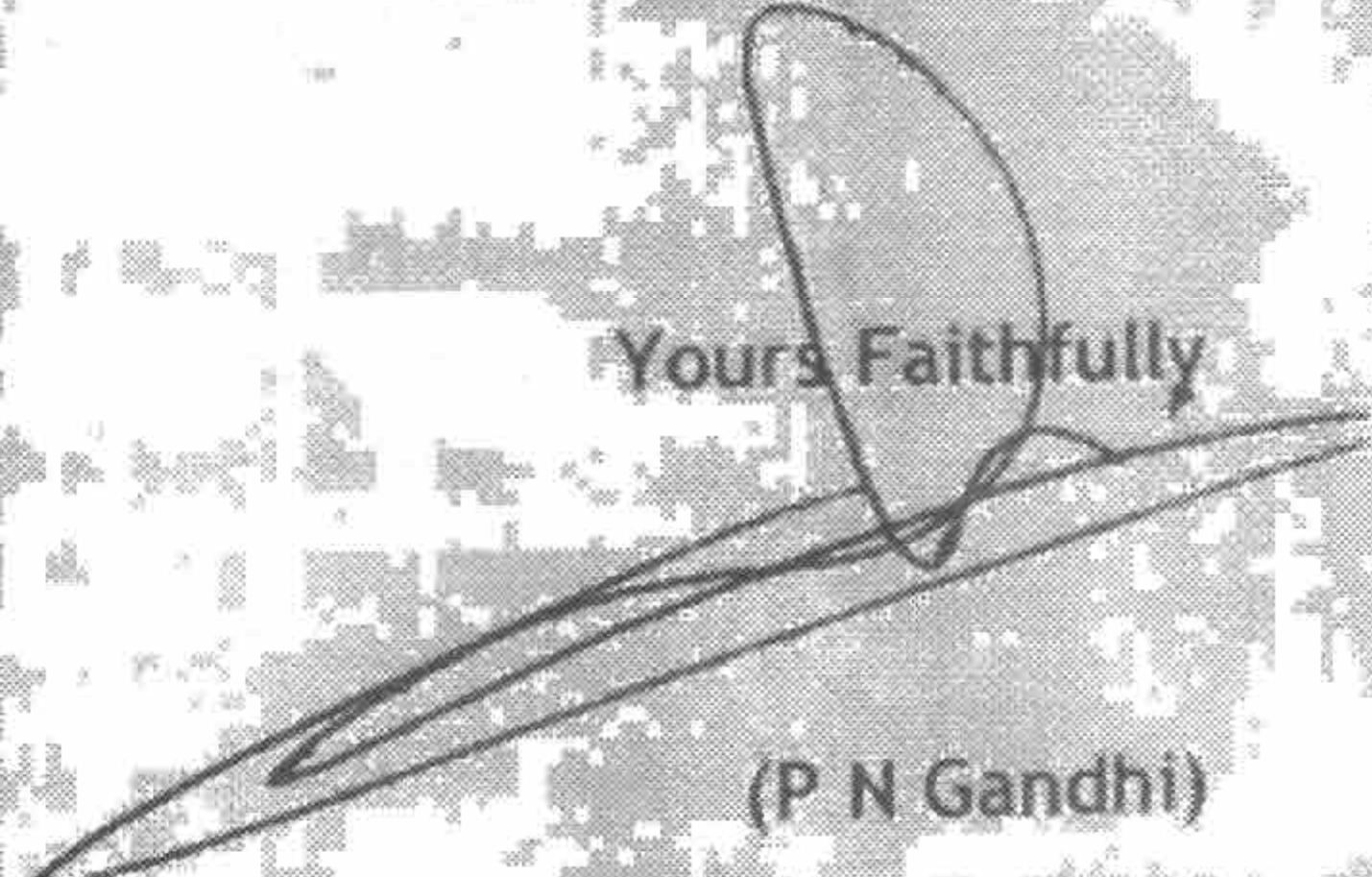
From the above provisions, it is clear that the licensees/suppliers also have to check the safety of the wiring on consumer's installation before release of the connection.

Regarding role of the electrical contractor in reducing accidents, the undersigned is of the opinion that if any fundamentally incorrect wiring (e.g. non provision of earthing wire in the wiring, providing earth instead of neutral, use of substandard material ) is found on the consumers' site then surely a contractor can be held responsible for the accident. However, the experience shows that majority of accidents occurred in the household are due to temporary wiring done by consumer either by himself or by non-licensed electrical contractor or faulty appliances or negligent use of these appliances.

As a license issuing authority, the licensing board can exercise powers over the licensed contractors, but like in the field of each licensed activity, the parallel non-licensed activity cannot be regulated. The awareness in the consumer can be of much help.

Hope this note is sufficient to clear the issue.

Yours Faithfully

  
(P N Gandhi)  
Chief Electrical Inspector  
Gandhinagar

**ANNEXURE G (Item No. 2 (9 B))**

The details of No. of Grievances Disposed during the Year by DGVCL

Quarter / Year	No. of Grievances Pending at the beginning of the Qtr	No. of Grievances Received during the Qtr	No. of Grievances Disposed during the Year				No. of Grievances Pending at the Close of the Quarter	No. of sitting of CGRF during Quarter
			In Favor of Consumer	In Favor of discoms	Settled / Withdrawn	Total		
April to Jun 10	03	13	07	05	00	12	04	03
July to Sep. 10	04	17	10	06	00	16	05	04
Oct to Dec 2010	05	23	14	09	02	25	03	06
Jan to Mar 2011	03	27	11	13	00	24	06	06
YEAR 2010-11 Total	03	80	42	33	02	77	06	19
April to Jun 2011	06	20	12	11	00	23	03	06
July to Sep. 2011	03	16	10	07	00	17	02	09
Oct to Dec 2011	02	40	23	11	04	38	04	06
Jan to Mar 2012	04	46	27	18	04	49	01	08
YEAR 2011-12 Total	06	122	72	47	08	127	01	29
April to Jun 2012	01	43	18	14	05	37	07	10
July to Sep. 2012	07	43	21	07	08	36	14	13
Oct to Dec 2012	14	61	16	11	37	64	11	12
Jan to Mar 2013	11	44	16	08	18	42	13	08
YEAR 2012-13 Total	01	191	71	40	68	179	13	43
April to Jun 2013	13	42	17	11	22	50	05	11
July to Sep. 2013	05	21	04	09	06	19	07	06

**Remarks- DGVCL has submitted Performance Report of CGRF instead of report on implementation of CGRF and Ombudsman Orders.**

**THE STATUS OF COMPLIANCE OF CGRF AND OMBUDSMAN BY UGVCL**

Quarter / Year	No. of sittings of CGRF (s) in the Quarter	No. of Grievances Received during the Qtr	No. of Grievances Disposed during the Year				Orders implemented	Remarks
			In Favor of Consumer	In Favor of Discoms	Settled / Withdrawn	Total		
2013-14 1st Qtr. (April 13 to June 13)	9	36	13	21	10	44	13	
2013-14 1st Qtr. (July 13 to Sept 13)	8	51	23	13	8	44	9	S/Dn. Has filed review for 14 cases

**2013-14 REPORT FOR OMBUDSMAN FROM APRIL TO SEPTEMBER 2013**

2013-14 1st Qtr. (April 13 to Sept 13)	-	20	6	9	2	17	6	3 pending with the Ombudsman
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ANNEXURE - I (Item No. 2 (9 B))

THE STATUS OF COMPLIANCE OF CGRF AND OMBUDSMAN ORDERS BY TPL

Particulars	No. of Orders issued	No. of Orders where implementation Required by TPL	No. of Orders pending for implementation by TPL
<b>TPL-D (Ahmedabad)</b>			
CGRF	49	0	0
Ombudsman	8	1	0
<b>TPL-D (Surat)</b>			
CGRF	7	1	0
Ombudsman	0	0	0

**ANNEXURE - J (Item No. 2 (10))**

**THE DETAILS OF DISTRIBUTION TRANSFORMER METERING BY DGVCL**

Discom	Circles	Distribution Transformer Metering				
		No. of DTs	No. of DTs metered	No. of DTs. with Electronic Meters & Communication Facility	Planning for DTC Meter Up to MARCH-2013	% metering Completed
		Oct.13	Oct.13	Oct.13		Oct.13
DGVCL	Valsad	22807	8478	2446	2000	37.17%
	Surat City	10669	9401	2704	1268	88.12%
	Surat Rural	23161	17502	1140	3000	75.57%
	Bharuch	19041	14105	1250	3100	74.08%
<b>Total:</b>		<b>75678</b>	<b>49486</b>	<b>7540</b>	<b>9368</b>	<b>65.39%</b>

**ANNEXURE - K (Item No. 2 (10))**

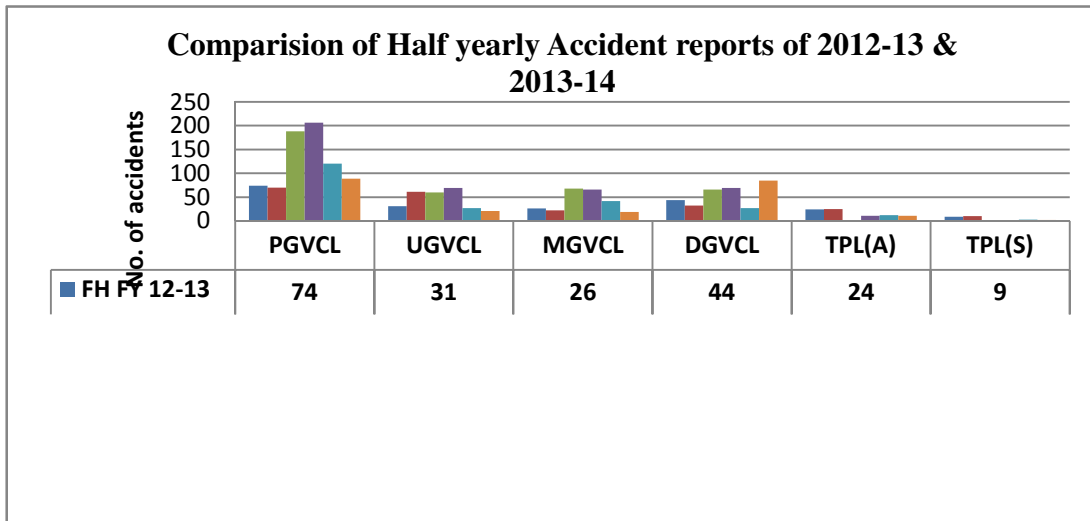
**THE DETAILS OF DISTRIBUTION TRANSFORMER METERING AS ON SEPTEMBER 2013 BY UGVCL**

Discom	Circles	Distribution Transformer Metering			
		No. of DTs	No. of DTs metered	No. of DTs. with Electronic Meters & Communication Facility	% metering Completed
UGVCL	Sabarmati	28834	27698	4903	96.06%
	Mehsana	32632	32632	2424	100.00%
	Palanpur	57449	31633	1737	55.06%
	Himatnagar	38215	30624	892	80.14%
Total:		157130	122587	9956	78.02%

**ANNEXURE L (Agenda Item No.7)**

**Sop 1 : Accidents Report**

	YEAR	2012-13				2013-14	
		Q1	Q2	Q3	Q4	Q1	Q2
Fatal Human(FH)	PGVCL	28	46	23	18	33	37
	UGVCL	14	17	23	8	21	40
	MGVCL	16	10	6	3	8	14
	DGVCL	18	26	8	11	11	21
	TPL-A	5	19	8	6	11	14
	TPL-S	5	4	3	2	4	6
Fatal Animal(FA)	PGVCL	52	136	29	10	75	131
	UGVCL	15	45	5	6	23	46
	MGVCL	21	47	5	3	28	38
	DGVCL	17	49	17	3	24	45
	TPL-A	1	0	0	0	7	4
	TPL-S	0	0	0	0	-	-
Non Fatal Human(NFH)	PGVCL	59	61	40	23	47	42
	UGVCL	12	15	6	10	9	12
	MGVCL	21	21	10	4	8	11
	DGVCL	29	21	24	21	48	37
	TPL-A	2	10	4	2	5	6
	TPL-S	0	3	0	1	-	2



**2013-14 ( Q1 & Q2 ) :**

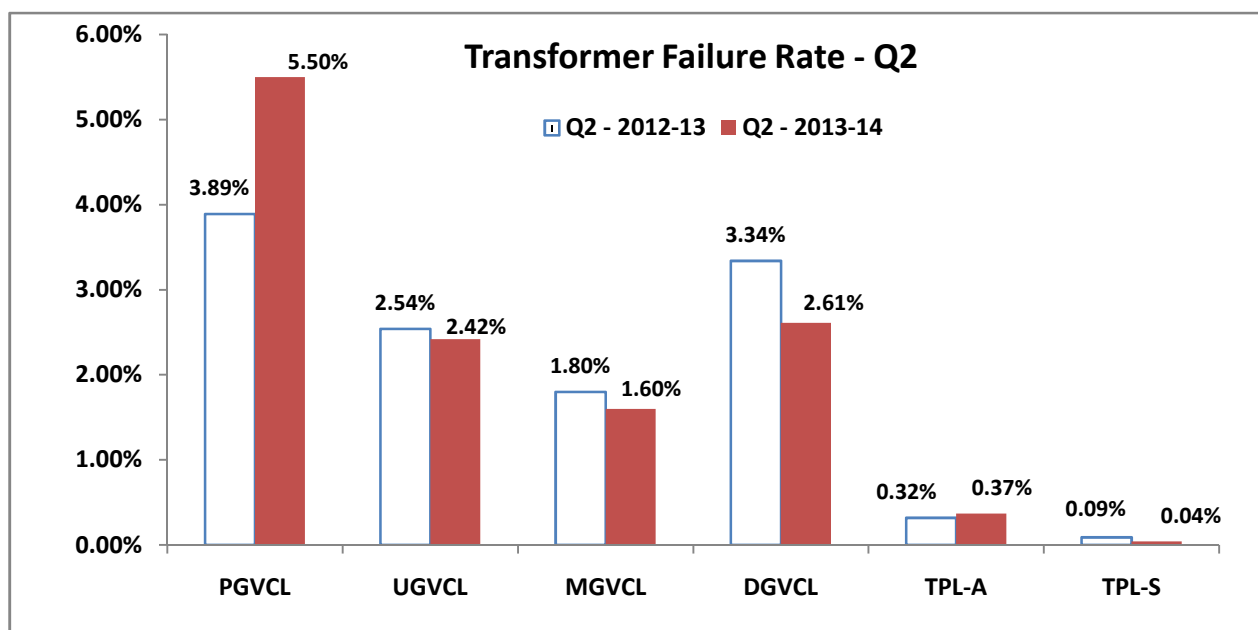
**Fatal Human : PGVCL > UGVCL > DGVCL > TPL (A) > MGVCL > TPL (S)**

**Fatal Animal : PGVCL > UGVCL, DGVCL > MGVCL > TPL (A)**

**Non Fatal Human : PGVCL > DGVCL > UGVCL > DGVCL > TPL(A) > TPL(S)**

**Total Accidents : PGVCL > DGVCL > UGVCL > MGVCL > TPL(A) > TPL(S)**

**SOP 6 : Failure of Distribution Transformers**



YEAR	2012-13				2013-14	
	Q1	Q2	Q3	Q4	Q1	Q2
PGVCL	2.70%	3.89%	4.16%	1.77%	2.82%	5.50%
UGVCL	1.55%	2.54%	1.91%	1.27%	1.54%	2.42%
MGVCL	1.16%	1.80%	1.23%	0.75%	1.04%	1.60%
DGVCL	2.80%	3.34%	3.01%	1.40%	2.79%	2.61%
TPL-A	0.41%	0.32%	0.06%	0.08%	0.30%	0.37%
TPL-S	0.00%	0.09%	0.04%	0.04%	0.04%	0.04%

*In Q2 FY 13-14 the Failure rate of transformer (in%) of all DISCOMs was reduced except PGVCL and TPL(A) compared to Q2 FY 12-13.*

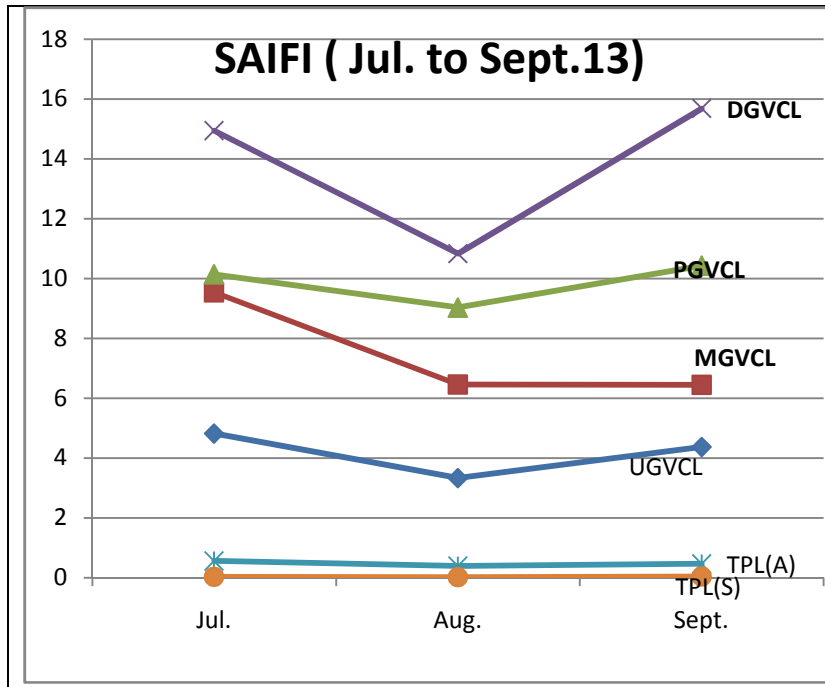
**SoP 13 : Faulty Meters**

DISCOM	Year	Qtr	Faulty Meter added during Quarter	Faulty/Defective Meters Replaced		Pending For Replacement
PGVCL	2012-13	Q2	52565	59136	123306	
		Q3	211577	103390	108187	
		Q4	133354	147032	92124	
	2013-14	Q1	91116	91721	90862	
		Q2	48765	47346	165297	
UGVCL	2012-13	Q2	16475	16972	1581	
		Q3	18721	17469	1252	
		Q4	16257	16474	987	
	2013-14	Q1	17727	15526	3188	
		Q2	18232	15866	5554	
MGVCL	2012-13	Q2	9676	28068	86264	
		Q3	125705	45046	80659	
		Q4	17845	47191	51313	
	2013-14	Q1	24368	30886	44795	
		Q2	25572	32207	38160	
DGVCL	2012-13	Q2	22103	20097	57528	
		Q3	86641	26831	59810	
		Q4	21565	24118	55372	
	2013-14	Q1	17190	15081	57481	
		Q2	22552	23564	56469	
TPL A	2012-13	Q2	5716	5716	0	
		Q3	6967	6967	0	
		Q4	2481	2481	0	
	2013-14	Q1	7103	7103	0	
		Q2	7843	7843	0	
TPL S	2012-13	Q2	5384	5386	67	
		Q3	4980	4940	40	
		Q4	3908	3921	27	
	2013-14	Q1	4089	4071	45	
		Q2	4948	4917	76	

***Pendency for Faulty Meter more at PGVCL and DGVCL in compared to other DISCOMS..***

**SoP 11 : Reliability Indices**

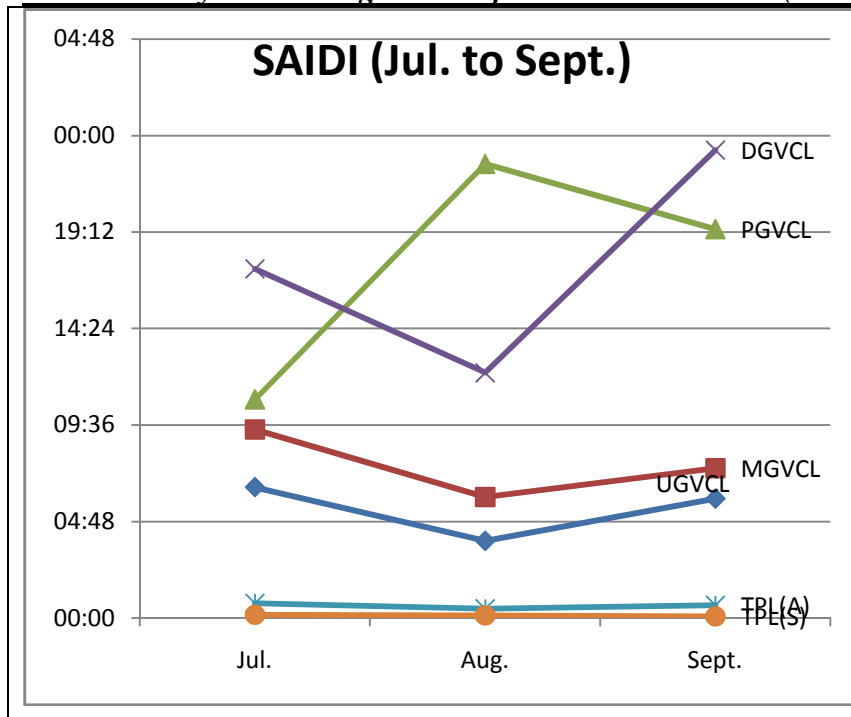
**SoP 011-A: System Average Interruption Frequency Index(SAIFI)**



DISCOM	SAIFI		
	Month	FY 12-13	FY 13-14
UGVCL	Jul.	1.72	4.82
	Aug.	1.24	3.33
	Sept.	1.21	4.37
MGVCL	Jul.	7.67	9.54
	Aug.	6.75	6.46
	Sept.	5.94	6.45
PGVCL	Jul.	3.88	10.14
	Aug.	4.12	9.03
	Sept.	3.76	10.43
DGVCL	Jul.	11.75	14.94
	Aug.	10.29	10.83
	Sept.	10.09	15.68
TPL(A)	Jul.	0.67	0.56
	Aug.	0.65	0.39
	Sept.	0.67	0.46
TPL(S)	Jul.	0.09	0.03
	Aug.	0.07	0.02
	Sept.	0.11	0.04

- SAIFI Index Comparison among DISCOMs from Poor to Better (Lowest Index is better)
- DGVCL > PGVCL > MGVCL > UGVCL > TPL (A) > TPL (S)

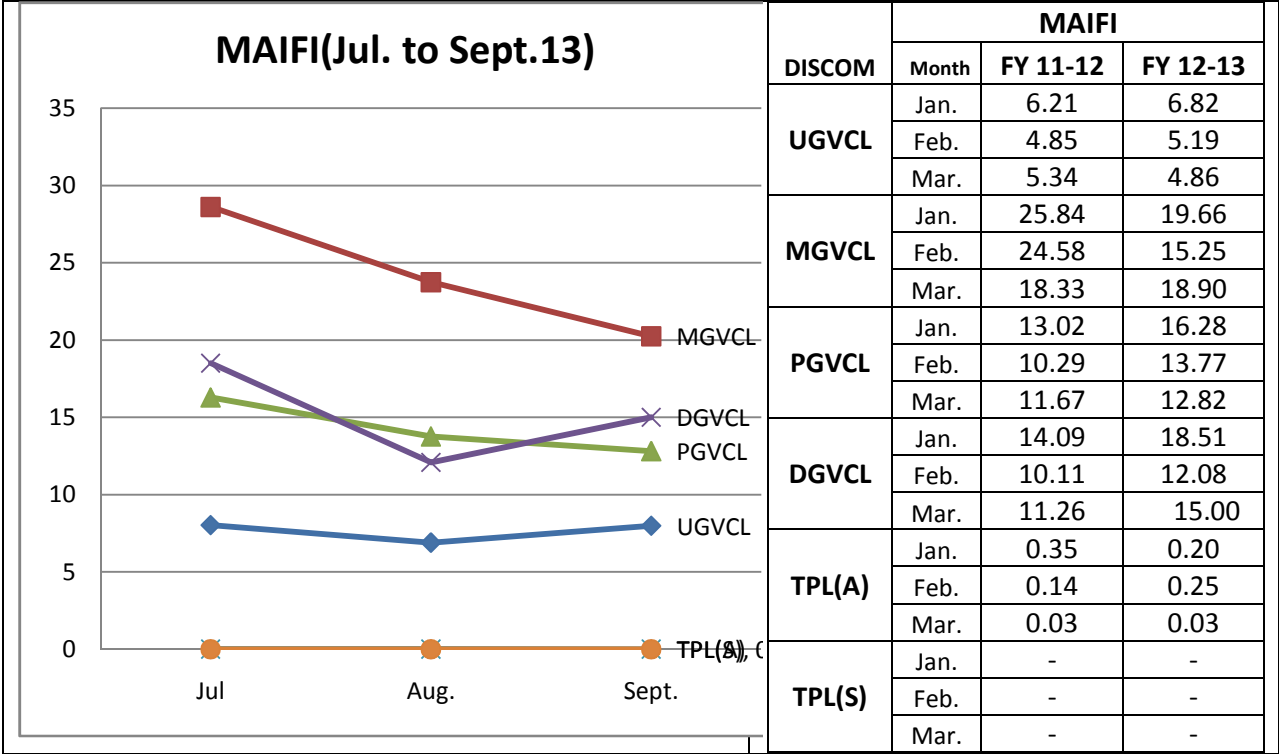
**SoP 011-B: System Average Interruption Duration Index (SAIDI)**



DISCOM	SAIDI		
	Month	FY 12-13	FY 13-14
UGVCL	Jul.	5:06	6:30
	Aug.	1:20	3:50
	Sept.	1:24	5:56
MGVCL	Jul.	7:02	9:22
	Aug.	5:30	6:01
	Sept.	5:09	7:27
PGVCL	Jul.	4:02	10:52
	Aug.	4:42	22:35
	Sept.	4:07	19:20
DGVCL	Jul.	11:01	17:22
	Aug.	10:09	12:12
	Sept.	8:20	23:16
TPL(A)	Jul.	0:48	0:44
	Aug.	0:45	0:28
	Sept.	0:48	0:38
TPL(S)	Jul.	0:05	0:01
	Aug.	0:05	0:01
	Sept.	0:05	0:01

- SAIDI Index Comparison among DISCOMs from Poor to Better (Lowest Index is better)
- DGVCL > PGVCL > MGVCL > UGVCL > TPL (A) > TPL (S)

**SoP 011-C: Momentary Average Interruption Frequency Index (MAIFI)**



- MAIFI Index Comparison among DISCOMs from Poor to Better (Lowest Index is better)
- MGVCL > DGVCL > PGVCL > UGVCL > TPL (A) > TPL (S)

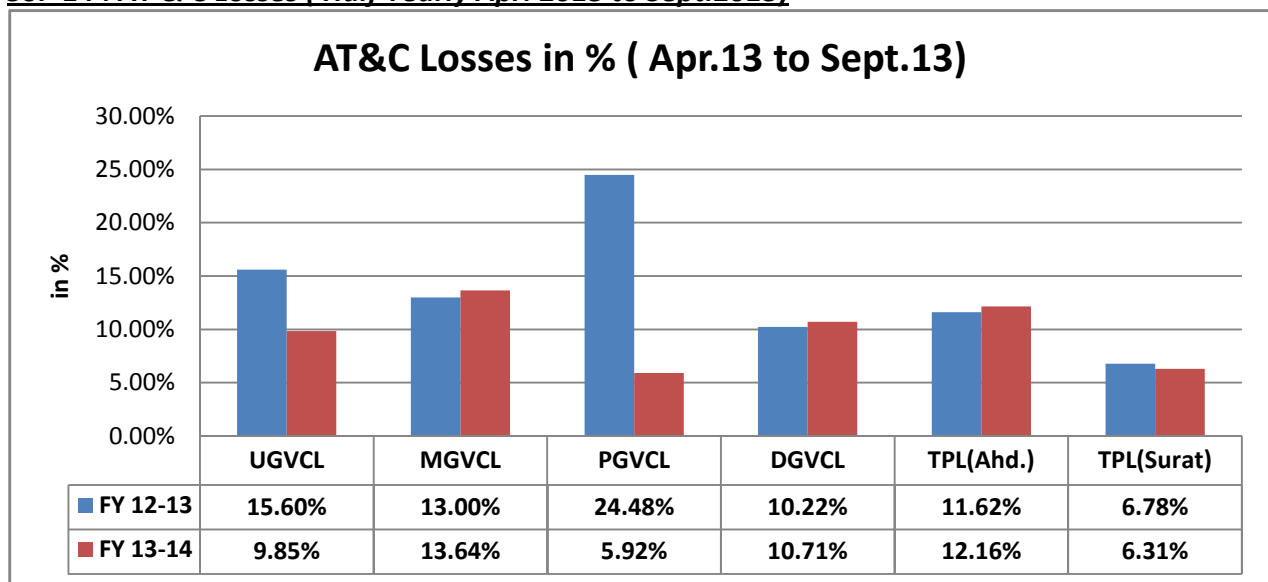
## AT & C Loss figures of half yearly ( Apr.13 to Sept.13) of DISCOMs

<b>DISCOM</b>	<b>Units input (Mus)</b>	<b>Units Billed (Mus)</b>	<b>Billing Efficiency (%)</b>	<b>Revenue Billed (Rs. Crore)</b>	<b>Revenue Collected (Rs. Crore)</b>	<b>Collection Efficiency %</b>	<b>Business Efficiency (%)</b>	<b>AT &amp; C Loss %</b>
UGVCL	7939.29	7157.23	90.15	3194.9	3790.44	100	90.15	9.85
PGVCL	11400.89	9237.98	81.03	4754.85	5520.89	116.11	94.08	5.92
MGVCL	4861.34	4355.19	89.59	2735.49	2636.91	96.40	86.36	13.64
DGVCL	8421.69	7628.09	90.58	5900.42	5816.56	98.58	89.29	10.71
TPL (Ahd.)	3693	3363	91.05	2245.75	2166.62	96.48	87.84	12.16
TPL (Surat)	1762	1674	95	1063.22	1048.63	98.63	93.69	6.31

UGVCL is Considering Collection Efficiency 100% if coll. eff. works out more than 100 %

In case of collection efficiency of PGVCL considered 100 % instead of 116%, then losses are 18.97%

### **SOP 14 : AT & C Losses ( Half Yearly Apr. 2013 to Sept.2013)**



**AT & C Losses : MGVCL > TPL(Ahd) > DGVCL > UGVCL > TPL (Surat) > PGVCL**

**ANNEXURE M (Agenda Item No.7)****Review of Performance****Performance Reports Received from CGRFs for the Quarter II of FY 2013-14(Jul.13-Sept.13)**

Forum Name	Grievance Pending at the end of previous Quarter	Grievance Received during the Quarter	Total Grievances	Grievances redressed during the Quarter	Grievances Successfully Redressed during the quarter			Balance Grievances to be Redressed at the end of the Qtr.	Grievance s pending more than 45 days	No. of Sitzings of CGRF(s) in the Quarter
					Within 45 days	After 45 Days	Total			
UGVCL	07	51	58	44	42	2	44	14	0	8
MGVCL	11	47	58	44	36	8	44	14	3	9
DGVCL	5	21	26	19	14	5	19	7	0	6
PGVCL (Bhuj)	6	59	65	44	28	16	44	21	5	7
PGVCL (Bhavnagar)	20	78	98	77	54	33	77	21	1	11
PGVCL (Rajkot)	65	114	179	131	94	37	131	48	6	7
TPL (Ahmedabad)	11	36	47	43	41	2	43	4	0	13
TPL (Surat)	1	8	9	7	6	1	7	2	0	12

## Review of performance

### Details of Cases before Ombudsman for Quarter II of 2013-14 (Jul. to Sept. 2013)

Quarter	No. of Appeals Pending at the Beginning of the Quarter	No. of Appeals Received During this Quarter	Total No. of Appeals	No. of Appeals Disposed Off During this Quarter				No. of Appeals Pending at the End of the Quarter	No. of Sittings in the Quarter
				In favour of Appellant	In favour of Licensee	Others	Total		
II	31	55	86	27	33	7	67	19	83

**ANNEXURE - N (Agenda Item No.7)****Review of Performance****Performance Reports Received from CGRFs for the Quarter II of FY 2013-14(Jul.13-Sept.13)**

Forum Name	Grievance Pending at the end of previous Quarter	Grievance Received during the Quarter	Total Grievances	Grievances redressed during the Quarter	Grievances Successfully Redressed during the quarter			Balance Grievances to be Redressed at the end of the Qtr.	Grievance s pending more than 45 days	No. of Sitzings of CGRF(s) in the Quarter
					Within 45 days	After 45 Days	Total			
UGVCL	07	51	58	44	42	2	44	14	0	8
MGVCL	11	47	58	44	36	8	44	14	3	9
DGVCL	5	21	26	19	14	5	19	7	0	6
PGVCL (Bhuj)	6	59	65	44	28	16	44	21	5	7
PGVCL (Bhavnagar)	20	78	98	77	54	33	77	21	1	11
PGVCL (Rajkot)	65	114	179	131	94	37	131	48	6	7
TPL (Ahmedabad)	11	36	47	43	41	2	43	4	0	13
TPL (Surat)	1	8	9	7	6	1	7	2	0	12

## Review of performance

### Details of Cases before Ombudsman for Quarter II of 2013-14 (Jul. to Sept. 2013)

Quarter	No. of Appeals Pending at the Beginning of the Quarter	No. of Appeals Received During this Quarter	Total No. of Appeals	No. of Appeals Disposed Off During this Quarter				No. of Appeals Pending at the End of the Quarter	No. of Sittings in the Quarter
				In favour of Appellant	In favour of Licensee	Others	Total		
II	31	55	86	27	33	7	67	19	83