

**AGENDA NOTE  
FOR  
THE 17<sup>TH</sup> MEETING OF THE CO-ORDINATION FORUM**

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Date	27.05.2016
Time	11:30 AM
Venue	GERC Conference Hall, GERC Office, GIFT City, Gandhinagar

ITEM NO.	NOTES ON AGENDA
1.	Approval of the minutes of the 16 <sup>th</sup> Meeting of the Co-Ordination Forum held on 27 <sup>th</sup> April, 2015
2.	Action Taken Report on the minutes of the 16 <sup>th</sup> Meeting of the Co-Ordination Forum
3.	Draft GERC (Gujarat Electricity Grid Code) Regulations, 2016
4.	Report on Electrical Accidents
5.	Review of Orders of CGRFs by MDs of DISCOMs
6.	Presentation by Prayas Group on Electricity Supply Monitoring Initiative
7.	Applicability of procurement of energy from renewable sources to captive and open access users
8.	Suo-motu proceedings for monitoring of Renewable Purchase Obligations by the obligated entities
9.	Status of Renewable Purchase Obligation (RPO)
10.	Determination of tariff for Solar Energy and other commercial issues
11.	Status of Transmission Projects
12.	Status of RPO - Presentation by GEDA
13.	Presentation on Power Sector Scenario by GUVNL
14.	Any other Item with the permission of Chair

**Agenda Item No. 1 - Approval of the minutes of the 16<sup>th</sup> Meeting of the Co-Ordination Forum held on 27<sup>th</sup> April, 2015**

GERC vide its letter no GERC/VHT/16<sup>th</sup> Co-Ordination Forum/Minutes /2015/920 dated 11/05/2015 circulated minutes of the 16<sup>th</sup> Meeting of Co-ordination forum held on 27<sup>th</sup> April 2015 at the Conference Hall, GERC Office, 6<sup>th</sup> Floor, GIFT ONE, GIFT City, Gandhinagar. Since, no comments have been received from the members, Minutes of the 16<sup>th</sup> Meeting may be treated as approved.

**Agenda Item No. 2**

Though it was conveyed during the 16<sup>th</sup> Meeting of the Coordination Forum and the Commission has shown displeasure, it is once again observed by the Commission that the Action Taken Reports from members of the Forum are not received in time even after reminders sent to them. The ATRs be submitted within 30 days of receipt of the Minutes of the Meeting.

Action Taken Report on the minutes of the 16<sup>th</sup> Meeting of the Co-Ordination Forum:

**2.1 Item No. 2.2:** The Distribution Companies were directed to furnish data on a common format indicating feeder category wise DT metering status.

The Distribution Companies were directed to take up a pilot study of the JGY feeders with high losses for the purpose of energy audit. Each DISCOM has been directed to complete indexing of minimum 100 transformers covering at least 4 to 5 JGY feeders within three months.

**Action Taken Report of the DISCOMs:**

Details of category wise DT metering as on 31.03.2016 of four State Owned DISCOMs are annexed as Annexure I.

PGVCL stated that it has initiated Consumer Indexing of the consumers connected on JGY feeders and has also started exercise for Energy Audit. Details of Energy Audit carried out on 5 nos. of JGY feeders are annexed herewith as Annexure II.

MGVCL stated that each circle has selected one JGY high loss feeder having minimum 50 numbers of transformers. As a first step of audit activity, the work of installing DTR meters, replacement of non-working meters and other renovation work on these transformers is completed. Also, transformer-wise consumer indexing work is accomplished in all selected JGY feeders. The work of calculating transformer-wise losses of selected JGY feeders is under progress.

DGVCL has stated that 4 nos of JGY feeders, one each from each circle, have been identified to carry out the study. As a first step of energy audit activity meter installation activity on the transformers of the selected feeders is being carried out. Out of 322 nos. of transformers 298 nos. of meters have been installed. DGVCL has also started activity of creating dummy consumer numbers of these transformers and consumer indexing work. Also, during the said time, DGVCL has started the manual analysis of energy accounting on some of the transformers of the said feeders. Loss reduction activities on these feeders have also been started.

UGVCL has furnished the detailed report regarding pilot study for JGY feeders with high losses for the purpose of energy audit of 5 nos. of

feeders which included 4 JGY feeders and 1 Urban feeder which is annexed herewith as Annexure II.

**2.2 Item No. 2.3:** PGVCL was directed to clear applications of Agriculture Connection registered up to the year 2008 latest by March 2016.

**Action Taken Report of the PGVCL:**

PGVCL has issued the estimates for the applications registered up to December 2008 and for the applications registered up to June 2008, he connections are already released.

**2.3 Agenda Item No. 2.4 and Agenda Item No. 5: Standard of Performance (SoP) and Monitoring of performance of CGRFs –** The Distribution Utilities were directed to submit full year data for AT & C losses in the next meeting. The DISCOMs were also directed to speed up the activities of meter replacement and submit a progress report in the next meeting.

**Action Taken Report of the Distribution Utilities:**

DISCOMs and TPL have furnished data on AT & C losses for FY 2014-15 which is annexed herewith as Annexure III.

Details of quarterly meter replacement activity for FY 2014-15 compared with the FY 2015-16 for DISCOMs and TPL are annexed herewith as Annexure IV.

**Agenda Item No. 3 – Draft GERC (Gujarat Electricity Grid Code) Regulations, 2016**

Gujarat Electricity Regulatory Commission decided to amend the GERC (Gujarat Electricity Grid Code) Regulations, 2013 considering the comments/ suggestions received from the Grid Code Review Panel. Draft Amendment along with the explanatory note has been put up on the Commission's website and the same has been publicized vide public notices in two widely circulated Gujarati newspapers and one largely circulated English newspaper. Last date for filing comments/ suggestion was 11/03/2016. The comments/suggestions from total 3 entities have been received. The Commission will deliberate on the comments received from the stakeholders and will notify the amendment in due course.

**Agenda Item No. 4 - Standard of Performance (SoP) and Monitoring of performance of CGRFs**

Utility wise report for electrical accidents for FY 2015-16 along with reports of similar quarters for FY 2014-15 are kept as Annexure - V

**Agenda Item No. 5 – Review of Orders of CGRFs by MDs of DISCOMs**

The 20<sup>th</sup> Meeting of the Consumer Grievances Redressal Forums was held on 21<sup>st</sup> October 2015 at the Commission's office to review the performance of CGRFs and the Ombudsman. During the said meeting, the Commission was informed that there has been unnecessary delay in implementation of orders by the DISCOMs if the order is with financial implications. Although, it was concluded during previous Meetings of the State Co-ordination Forum that the MDs will review each and every order of the CGRF, such delays have been brought to notice of the

Commission. It was suggested to mark a copy of the order to the MDs of DISCOMs to speed up the implementation process instead of following hierarchical process.

**Agenda Item No. 6 – Presentation by Prayas Group on Electricity Supply Monitoring Initiative**

Prayas Energy Group, a Pune based NGO, has taken up an initiative regarding Electricity Supply Monitoring where real time, reliable data is available to the consumers. This initiative has been launched at 60 locations across 8 States including 5 Mega Cities. Prayas Group had also presented the said initiative during the 48<sup>th</sup> Meeting of the Forum of Regulators, where the Forum appreciated the initiative. Some of the ERCs also have volunteered to use the system for monitoring standard of performance of utilities.

The Commission had sought comments/ suggestion of DISCOMs on ESMI. Since the DISCOMs did not seem very keen about ESMI, the Commission has found it appropriate to invite delegates from Prayas Group to make a presentation so that any doubts about the existing AMR compatible meters and ESMI can be addressed.

**Agenda Item No. 7 – Applicability of procurement of energy from renewable sources to captive and open access users (Notification No. 2 of 2015)**

In exercise of the powers conferred under sections 61, 86(1)(e) and 181 of the Electricity Act, 2003 read with sub-regulation (iv) of Regulation 1 and Regulation 8 of the Gujarat Electricity Regulatory Commission (Procurement of Energy from Renewable Sources) Regulations, 2010 (Notification No.3 of 2010) (Principal Regulations) and Gujarat Electricity Regulatory Commission (Procurement of Energy from

Renewable Sources) (First Amendment) Regulations, 2014 (Notification No. 2 of 2014), and all other powers enabling it in this behalf. After the order dated 6.05.2015 passed by the Hon'ble High Court of Gujarat in C.A. No. 4995 of 2015, the Commission notified Notification No. 2 of 2015 on 1<sup>st</sup> July 2015 for applicability of procurement of energy from renewable sources to captive and open access users. The aforesaid Principal Regulation was challenged by some of CGP Holders before the Hon'ble Gujarat High Court in SCA No. 171 of 2011 and other allied matters in which the Hon'ble High Court passed judgement dated 12.03.2015 and dismissed the petitions. The said judgement challenged by the CGP holders by filing LPA No. 828 of 2015 and other allied matters which is pending for decision before the Hon'ble Gujarat High Court. The parties have also filed C.A. No. 4995 of 2015 & other allied applications in SCA No. 171 of 2011 & other allied matters, is not granted by the Hon'ble Gujarat High Court. However, the Hon'ble High Court passed order dated 6.05.2015 in aforesaid C.A.No.4995 of 2015 and held that instead of granting stay of the impugned judgement and order, it shall be in the interest of justice to observe that the said Regulations though shall come into force; they shall be subject to the final decision given in the LPA No. 828 of 2015 & allied matters. The Commission notified Notification No. 2 of 2015 on 1st July, 2015 for applicability of procurement of energy from renewable sources to captive and open access users.

**Agenda Item No. 8 – Suo-Motu proceedings for monitoring of Renewable Purchase Obligations by the obligated entities:**

The Commission has notified the GERC (Procurement from Energy from Renewable Sources) Regulations, 2010 and Gujarat Electricity Regulatory Commission (Procurement of Energy from Renewable

Sources) (First Amendment) Regulations, 2014 (Notification No. 2 of 2014). In the above Regulations the Commission has notified the RPO percentage to be complied by the obligated entities during the financial year by procurement of renewable energy as a part of total procurement of power. The Hon'ble Tribunal has passed an order dated 25/04/2014 in Appeal No. 24 of 2013 and IA No. 39 of 2013 directed the Commission to monitor the RPO percentage on year to year basis. Moreover, while verifying the compliance of RPO by the obligated entities the Commission shall be required to direct the obligated entities to issue a public notice to invite comments and suggestions from the stakeholder for compliance of the Renewable Purchase Obligations.

The Commission has issued daily order dated 7.11.2015 in Petition No. 1518 of 2015 filed by GUVNL and observed that the obligated entities are required to comply the Renewable Purchase Obligation (RPO) during the year and the Commission shall verify the compliance of Renewable Purchase Obligation by the obligated entities on completion of the year. Moreover, Torrent Power Limited filed a Petition No. 1536 of 2015 for compliance of RPO by them. Therefore, the Commission directed GUVNL and TPL to invite comments and suggestions from stakeholders by publishing the public notice and hosting the petition on their websites for inviting comments and suggestions from the stakeholders.

For the other distribution licensees namely Torrent Energy Limited, Kandla Port Trust, MPSEZ Utilities Pvt. Limited, Jubilant Infrastructure Pvt. Limited, M/s. Aspen Infrastructure Limited, and GIFT Power Company Limited, the Commission decided to initiate Suo-Motu proceedings for verification of compliance of RPO of FY 2014-15 by above entities. The Commission has made GEDA as a party to the said

proceedings. The Commission heard the above matters on 22.12.2015 for compliance of RPO for FY 2014-15 by GUVNL in Petition No. 1518 of 2015, TPL in Petition No. 1536 of 2015 and in Suo-motu Petition No. 1542 of 2015 for MPSEZ Utilities Pvt. Limited and Others and reserved the matter for order.

**Agenda Item No. 9 – Status of Renewable Purchase Obligation (RPO)**

The Commission notified the Gujarat Electricity Regulatory Commission (Procurement of Energy from Renewable Sources) Regulations, 2010 dated 17.04.2010 and also amended the said regulations vide notification dated 04.03.2014 prescribing the minimum quantum of energy to be purchased (in %) by obligated entities from renewable energy sources.

Regulation 4 of the principle Regulations provides for the ‘Quantum of Renewable Purchase Obligation’ and as per the amended Regulation, the RPO percentage for obligated entities for the FY 2015-16 is as under:

	Minimum Quantum of purchase (in %) from renewable energy sources (in terms of energy in kWh)			
Year	TOTAL	Wind	Solar	Others (Biomass, Bagasse, MSW, etc.)
2015-16	9.0	7	1.5	0.5

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:

The details submitted by the State Agency (GEDA) and other obligated entities upto 3<sup>rd</sup> Quarter, i.e. April 2015 to December 2015 for the FY 2015-16 are as under:

<b>RPO Status report of obligated entities for the period of April to September, 2015 (Cumulative of FY 2015-16 up to 3<sup>rd</sup> Quarter)</b>							
<b>(1) GUVNL – Estimated Consumption of units during 2015-16 – 54729 MUs</b>							
	RPO 2015-16 (%)	Required MUs	Purchased MUs	REC's purchased MUs	Total MUs upto present quarter	Shortfall /Excess in MUs	RPO Achieved (%)
Solar	1.5	821	1757	0	1757	-936	3.21
Non-Solar	7.5	4105	2669	0	2669	1436	4.87
<b>TPL (Ahd + Surat) – Consumption of units upto Q3 of FY 2015-16 – 8332.07 MUs</b>							
Solar	1.5	125	128.34	0	128.34	-3.34	1.54
Non-Solar	7.5	625	70.6	10	80.6	361.67	1.37
<b>Torrent Energy (Dahej) – Consumption of units upto Q3 of FY 2015-16 - 157.73 MUs</b>							
Solar	1.5	2.36	0	0	0	2.36	0
Non-Solar	7.5	11.82	0	0	0	11.82	0
<b>MPSEZ Utilities Pvt. Ltd. – Consumption of units upto Q3 of FY 2015-16 – 149.23 MUs</b>							
Solar	1.5	2.23	0	2.24	2.24	-0.01	1.50
Non-Solar	7.5	11.19		11.20	11.20	-0.01	7.5

**Agenda Item No. 10 – Determination of tariff for Solar Energy and other commercial issues:**

The Commission passed Order No. 04 of 2015 dated 17.08.2015 and determined the tariff of Solar Power Projects supplying the power to the Distribution licensee and other related commercial issues. The

Commission has in the said order decided that the tariff for the period from 1.07.2015 to 31.03.2018.

Salient Features of the tariff orders are as under:

- Determination of tariff for Solar PV and Solar Thermal Power Projects;
- Determination of Tariff for Solar Rooftop Power Projects;
- Determination of the transmission/wheeling charges and losses payable for utilization of the transmission/distribution network by the project developers under different category like self-consumption, REC mode generation, third party sale etc.

**Agenda Item No. 11 – Status of Transmission Projects**

GETCO shall make a presentation of status of Transmission Projects.

**Agenda Item No. 12**

Status of RPO – Presentation by GEDA.

**Agenda Item No. 13**

Presentation on Power Sector Scenario by GUVNL.

**Agenda Item No. 14**

Any other Item with the permission of Chair.

**Annexure I**

Status of DT Metering as on 31.03.2016

**DGVCL**

Category	No. of DTs	No. of DTs metered	% metering Completed
Industrial	11698	6717	56.12%
GIDC	5021	2195	43.72%
Urban	13798	11475	83.16%
JGY	20047	12000	59.86%
AG. DOM	64242	44882	69.86%
<b>Total</b>	<b>115076</b>	<b>77269</b>	<b>67.15%</b>

**MGVCL**

Category	No. of DTs	No. of DTs metered	% metering Completed
Industrial	1748	1748	100%
GIDC	2132	2132	100%
Urban	12887	12887	100%
JGY	24953	24953	100%
AG. DOM	70016	70016	100%
<b>Total</b>	<b>111736</b>	<b>111736</b>	<b>100%</b>

## PGVCL

Category	No. of DTs	No. of DTs metered	% metering Completed
Industrial	8150	8125	99.69%
GIDC	2819	2553	90.56%
Urban	40958	39244	95.82%
JGY	42503	42462	99.90%
AG. DOM	468951	316156	67.42%
<b>Total</b>	<b>563381</b>	<b>408540</b>	<b>72.52%</b>

## UGVCL

Category	No. of DTs	No. of DTs metered	% metering Completed
Industrial	6058	5821	96.09
GIDC	1364	1255	92.01
Urban	11832	11080	93.64
JGY	24136	21875	90.63
AG. DOM	179276	130059	72.55
<b>Total</b>	<b>222666</b>	<b>170090</b>	<b>76.39</b>

**Annexure II**

**Details of Energy Audit of JGY feeders – PGVCL**

Circle	Division	Subdivision	Feeder name	Unit consumption on DT meter	Consumption of all consumers of T/c (for same billing period)	Difference of consumption on DT and consumer	% loss of DT	Distribution loss of the same period (%)	Theoretical loss (%)
RRC	Jasdan	Atkot	Jangvad	239640	167477	72163	30.11	40.36	7.33
Jamnagar	Rural	Kalavad east	MEDI	335607	160791	174833	52.09	53.9	4.2
JND	JND-1	VSR-2	Ishwariya - Gir	161317	134669	26665	16.53	21.88	6.07
BVN	BVN Rural	Vartej	Navyug	673975	312327	361648	53.66	62.01	6.57
Botad	Gadhada	Gadhada R-2	Ishwariya JGY	774266	528926	245340	31.69	43.69	7.28
SNR	DHG	Rajsitapur	11 kV Bhadeshwar	292418	235539	56879	19.45	24.66	10.09

**Details of Energy Audit of feeders – UGVCL**

Circle	Division	Subdivision	Feeder name	Category	Unit consumption on DT meter	Consumption of all consumers of T/c (for same billing period)	Difference of consumption on DT and consumer	% loss of DT
Mehsana	Patan	Sami	11 kV Badarganj JGY feeder	JGY	224493.4	158858	63772.3	28.6
Palanpur	Radhanpur	Radhanpur	Indranagar	JGY	10905	31001	46537.23	60.02
SBT	Bopal	Sanand - 1	Khhicha FDR	JGY	237250	98137	139113	58.64
HMT	Bhiloda	Bhiloda - 1	11 kV Mankdi	JGY	147118	143379	62505	30.36
SBT	Sabarmati	Viramgam Town	City - 3	Urban	2085402	1110770	785968	41.44

**Annexure III**

**Statement for AT & C Losses for FY 2014-15 - DGVCL**

Quarter	Month.	Units input at the Distribution Periphery (MUs)	Units billed (MUs)	Billing Efficiency (%)	Revenue billed (Rs. Lacs)	Revenue collected (Rs. Lacs)	Collection efficiency (%)	Business Efficiency (%)	AT & C losses (%)
		A	B	C= (B/A)*100	D	E	F=(E/D)*100	G=(C*F)/100	H=100-G
Q-1	April -14	1554.16	1421.33	91.45	101861	102847	100.97	92.34	7.66
	May-14	1649.47	1447.75	87.77	105119	100456	95.56	83.88	16.12
	June – 14	1577.97	1466.13	92.91	106403	102086	95.94	89.14	10.86
	<b>Sub -total</b>	<b>4781.60</b>	<b>4335.21</b>	<b>90.66</b>	<b>313383</b>	<b>305389</b>	<b>97.45</b>	<b>88.35</b>	<b>11.65</b>
Q 2	July – 14	1671.32	1498.27	89.65	109961	104665	95.18	85.33	14.67
	August – 14	1622.80	1556.82	95.93	116014	113547	97.87	93.89	6.11
	September – 14	1597.59	1465.58	91.74	110762	112790	101.83	93.42	6.58
	<b>Sub-total</b>	<b>4891.71</b>	<b>4520.67</b>	<b>92.41</b>	<b>336737</b>	<b>331002</b>	<b>98.30</b>	<b>90.84</b>	<b>9.15</b>
Q 3	October – 14	1588.79	1468.73	92.44	108014	102602	94.99	87.81	12.19
	November – 14	1581.86	1410.23	89.15	105903	113569	107.24	95.60	4.40
	December – 14	1594.43	1458.17	91.45	96474	101958	105.68	96.65	3.35
	<b>Sub- total</b>	<b>4765.08</b>	<b>4337.13</b>	<b>91.02</b>	<b>310391</b>	<b>318129</b>	<b>102.49</b>	<b>93.29</b>	<b>6.78</b>
Q 4	January – 15	1566.24	1415.38	90.37	107036	101373	94.71	85.59	14.41
	February – 15	1489.21	1406.44	94.44	111417	132605	119.02	112.40	-12.40
	March - 15	1700.73	1419.32	83.45	108442	100033	92.25	76.98	23.02
	<b>Sub-total</b>	<b>4756.18</b>	<b>4241.14</b>	<b>89.17</b>	<b>326895</b>	<b>334011</b>	<b>102.18</b>	<b>91.11</b>	<b>8.89</b>
	<b>Total</b>	<b>19194.57</b>	<b>17434.16</b>	<b>90.83</b>	<b>1297391</b>	<b>1298531</b>	<b>100.09</b>	<b>90.91</b>	<b>9.09</b>

**Statement for AT & C Losses for FY 2014-15 – PGVCL**

Quarter	Month.	Units input at the Distribution Periphery (MUs)	Units billed (MUs)	Billing Efficiency (%)	Revenue billed (Rs. Lacs)	Revenue collected (Rs. Lacs)	Collection efficiency (%)	Business Efficiency (%)	AT & C losses (%)
		A	B	C=(B/A)*100	D	E	F=(E/D)*100	G=(C*F)/100	H=100-G
Q-1	April -14	2337.15	1669.78	71.45	83922.68	78961.01	94.09	67.22	32.78
	May-14	2313.14	1752.07	75.74	89997.35	91779.08	101.98	77.24	22.76
	June – 14	2329.66	1785.69	76.65	95588.91	92808.23	97.09	74.42	25.58
	<b>Sub -total</b>	<b>6979.95</b>	<b>5207.54</b>	<b>74.61</b>	<b>269508.94</b>	<b>263548.32</b>	<b>97.79</b>	<b>72.96</b>	<b>27.04</b>
Q 2	July – 14	2118.21	1722.27	81.31	92579.44	93241.67	100.72	81.89	18.11
	August – 14	1923.93	1633.35	84.90	96865.80	88146.70	91.00	77.25	22.75
	September – 14	2124.90	1706.69	80.32	88179.75	89795.55	101.83	81.79	18.21
	<b>Sub-total</b>	<b>6167.04</b>	<b>5062.31</b>	<b>82.09</b>	<b>277624.99</b>	<b>271183.92</b>	<b>97.68</b>	<b>80.18</b>	<b>19.82</b>
Q 3	October – 14	2794.60	1926.56	68.94	91891.29	89599.67	97.51	67.22	32.78
	November – 14	2599.04	1943.08	74.76	90856.63	90924.96	100.08	74.82	25.18
	December – 14	2389.65	1896.63	79.37	94833.23	99760.81	105.20	83.49	16.51
	<b>Sub- total</b>	<b>7783.29</b>	<b>5766.27</b>	<b>74.09</b>	<b>277581.15</b>	<b>280258.44</b>	<b>100.97</b>	<b>74.81</b>	<b>25.19</b>
Q 4	January – 15	2200.77	1802.35	81.90	90948.64	106587.77	117.20	95.98	77.79
	February – 15	2128.20	1727.12	81.15	94419.02	90506.12	95.86	77.79	22.21
	March - 15	2323.44	1735.24	74.68	90860.21	96739.57	106.47	79.52	20.48
	<b>Sub-total</b>	<b>6652.41</b>	<b>5264.71</b>	<b>79.14</b>	<b>276227.88</b>	<b>293833.47</b>	<b>106.37</b>	<b>84.18</b>	<b>15.82</b>
	<b>Total</b>	<b>27582.69</b>	<b>21300.84</b>	<b>77.23</b>	<b>1100942.96</b>	<b>1108851.14</b>	<b>100.72</b>	<b>77.78</b>	<b>22.22</b>

**Statement for AT & C Losses for FY 2014-15 - MGVCCL**

Quarter	Month.	Units input at the Distribution Periphery (MUs)	Units billed (MUs)	Billing Efficiency (%)	Revenue billed (Rs. Lacs)	Revenue collected (Rs. Lacs)	Collection efficiency (%)	Business Efficiency (%)	AT & C losses (%)
		A	B	C= (B/A)*100	D	E	F=(E/D)*100	G=(C*F)/100	H=100-G
Q-1	April -14	929.43	815.53	87.74	451.73	404.95	89.64	78.66	21.34
	May-14	988.39	843.36	85.33	517.05	542.78	104.98	89.57	10.43
	June – 14	935.27	845.36	90.39	528.87	520.34	98.39	88.93	11.07
	<b>Sub -total</b>	<b>2853.09</b>	<b>2504.25</b>	<b>87.77</b>	<b>1497.65</b>	<b>1468.07</b>	<b>98.02</b>	<b>86.04</b>	<b>13.96</b>
Q 2	July – 14	900.95	805.10	89.36	535.67	533.68	99.63	89.03	10.97
	August – 14	856.34	771.64	90.11	542.21	516.21	95.20	85.79	14.21
	September – 14	849.15	771.24	90.83	529.79	539.11	101.76	92.42	7.58
	<b>Sub-total</b>	<b>2606.44</b>	<b>2347.98</b>	<b>90.08</b>	<b>1607.67</b>	<b>1589.00</b>	<b>98.84</b>	<b>89.04</b>	<b>10.96</b>
Q 3	October – 14	956.70	799.55	83.57	530.46	546.37	103.00	86.08	13.92
	November – 14	886.73	777.66	87.70	532.64	500.09	93.89	82.34	17.66
	December – 14	821.35	743.93	90.57	507.15	537.22	105.93	95.94	4.06
	<b>Sub- total</b>	<b>2664.77</b>	<b>2321.13</b>	<b>87.10</b>	<b>1570.25</b>	<b>1583.68</b>	<b>100.86</b>	<b>87.85</b>	<b>12.15</b>
Q 4	January – 15	789.69	713.23	90.32	491.43	523.63	106.55	96.24	3.76
	February – 15	790.51	708.25	89.59	470.41	439.27	93.38	83.66	16.34
	March - 15	880.90	741.28	84.15	541.85	609.21	112.43	94.61	5.39
	<b>Sub-total</b>	<b>2461.11</b>	<b>2162.76</b>	<b>87.88</b>	<b>1503.69</b>	<b>1572.11</b>	<b>104.55</b>	<b>91.88</b>	<b>8.12</b>
	<b>Total</b>	<b>10585.41</b>	<b>9336.12</b>	<b>88.20</b>	<b>6179.26</b>	<b>6212.86</b>	<b>100.54</b>	<b>88.68</b>	<b>11.32</b>

**Statement for AT & C Losses for FY 2014-15 - UGVCL**

Quarter	Month.	Units input at the Distribution Periphery (MUs)	Units billed (MUs)	Billing Efficiency (%)	Revenue billed (Rs. Lacs)	Revenue collected (Rs. Lacs)	Collection efficiency (%)	Business Efficiency (%)	AT & C losses (%)
		A	B	C= (B/A)*100	D	E	F=(E/D)*100	G=(C*F)/100	H=100-G
Q-1	April -14	1759.775	1402.714	79.71	583.640	727.932	124.72	79.71	20.29
	May-14	1779.863	1411.802	79.32	617.558	719.794	116.55	79.32	20.68
	June – 14	1688.352	1433.180	84.89	646.895	820.371	126.82	84.89	15.11
	<b>Sub -total</b>	<b>5227.990</b>	<b>4247.696</b>	<b>81.25</b>	<b>1848.093</b>	<b>2268.096</b>	<b>122.73</b>	<b>81.25</b>	<b>18.75</b>
Q 2	July – 14	1377.188	1237.658	89.87	669.852	752.134	112.28	89.87	10.13
	August – 14	1282.524	1186.423	92.51	572.894	807.162	140.89	92.51	7.49
	September – 14	1219.487	1190.495	97.62	639.462	793.703	124.12	97.62	2.38
	<b>Sub-total</b>	<b>3879.199</b>	<b>3614.576</b>	<b>93.18</b>	<b>1882.208</b>	<b>2352.999</b>	<b>125.01</b>	<b>93.18</b>	<b>6.82</b>
Q 3	October – 14	1712.121	1567.176	91.53	591.076	795.145	134.53	91.53	8.47
	November – 14	1708.987	1564.238	91.53	601.553	756.760	125.8	91.53	8.47
	December – 14	1829.453	1669.501	91.26	617.259	896.947	145.31	91.26	8.74
	<b>Sub- total</b>	<b>5250.561</b>	<b>4800.915</b>	<b>91.44</b>	<b>1809.888</b>	<b>2448.852</b>	<b>135.3</b>	<b>91.44</b>	<b>8.56</b>
Q 4	January – 15	1726.733	1635.167	94.70	610.349	680.468	111.49	94.70	5.30
	February – 15	1622.463	1597.371	98.45	566.367	747.057	131.9	98.45	1.55
	March - 15	1689.259	1585.690	93.87	612.882	725.479	118.37	93.87	6.13
	<b>Sub-total</b>	<b>5038.456</b>	<b>4818.228</b>	<b>95.63</b>	<b>1789.598</b>	<b>2153.004</b>	<b>120.31</b>	<b>95.63</b>	<b>4.37</b>
	<b>Total</b>	<b>19393.21</b>	<b>17481.41</b>	<b>90.13</b>	<b>7329.79</b>	<b>9222.95</b>	<b>125.83</b>	<b>90.13</b>	<b>9.87</b>

**Statement of AT & C losses for FY 2014-15 – TPL (A)**

Quarter	Month.	Units input at the Distribution Periphery (MUs)	Units billed (MUs)	Billing Efficiency (%)	Revenue billed (Rs. Lacs)	Revenue collected (Rs. Lacs)	Collection efficiency (%)	Business Efficiency (%)	AT & C losses (%)
		A	B	C= (B/A)*100	D	E	F=(E/D)*100	G=(C*F)/100	H=100-G
Q-1	April -14	611	532	87	39265	31986	81	71	29
	May-14	718	606	84	47269	39916	84	71	29
	June – 14	727	641	88	50270	46911	93	82	18
	<b>Sub -total</b>	<b>2056</b>	<b>1780</b>	<b>87</b>	<b>136804</b>	<b>118813</b>	<b>87</b>	<b>75</b>	<b>25</b>
Q 2	July – 14	667	644	97	52013	51626	99	96	4
	August – 14	617	584	95	47179	50272	107	101	(1)
	September – 14	612	570	93	46452	47850	103	96	4
	<b>Sub-total</b>	<b>1896</b>	<b>1798</b>	<b>95</b>	<b>145644</b>	<b>149748</b>	<b>103</b>	<b>98</b>	<b>2</b>
Q 3	October – 14	593	594	100	47884	45419	95	95	5
	November – 14	534	515	97	42039	45399	108	104	(4)
	December – 14	458	452	99	37437	45034	120	119	(19)
	<b>Sub- total</b>	<b>1585</b>	<b>1561</b>	<b>98</b>	<b>127361</b>	<b>135853</b>	<b>107</b>	<b>105</b>	<b>(5)</b>
Q 4	January – 15	439	418	95	35916	38279	107	101	(1)
	February – 15	437	415	95	35676	34925	98	93	7
	March - 15	549	479	87	40465	36909	91	80	20
	<b>Sub-total</b>	<b>1425</b>	<b>1312</b>	<b>92</b>	<b>112057</b>	<b>110114</b>	<b>98</b>	<b>90</b>	<b>10</b>
	<b>Total</b>	<b>6962</b>	<b>6451</b>	<b>93</b>	<b>521866</b>	<b>514528</b>	<b>99</b>	<b>91</b>	<b>9</b>

**Statement of AT & C losses for FY 2014-15 – TPL (S)**

Quarter	Month.	Units input at the Distribution Periphery (MUs)	Units billed (MUs)	Billing Efficiency (%)	Revenue billed (Rs. Lacs)	Revenue collected (Rs. Lacs)	Collection efficiency (%)	Business Efficiency (%)	AT & C losses (%)
		A	B	C= (B/A)*100	D	E	F=(E/D)*100	G=(C*F)/100	H=100-G
Q-1	April -14	299	288	96	20183	17199	85	82	18
	May-14	317	303	96	22501	22117	98	94	6
	June – 14	310	297	96	22101	21000	95	91	9
	<b>Sub -total</b>	<b>926</b>	<b>889</b>	<b>96</b>	<b>64785</b>	<b>60315</b>	<b>93</b>	<b>89</b>	<b>11</b>
Q 2	July – 14	317	300	95	22982	22516	98	93	7
	August – 14	303	287	95	21970	22251	101	96	4
	September – 14	308	303	99	23160	22549	97	96	4
	<b>Sub-total</b>	<b>927</b>	<b>890</b>	<b>96</b>	<b>68111</b>	<b>67316</b>	<b>99</b>	<b>95</b>	<b>5</b>
Q 3	October – 14	279	284	102	21832	22613	104	106	(6)
	November – 14	251	229	91	17828	20421	115	104	(4)
	December – 14	266	254	95	19614	19442	99	94	6
	<b>Sub- total</b>	<b>796</b>	<b>767</b>	<b>96</b>	<b>59274</b>	<b>62475</b>	<b>105</b>	<b>101</b>	<b>(1)</b>
Q 4	January – 15	254	245	96	19106	19226	101	97	3
	February – 15	253	249	98	19484	18571	95	94	6
	March - 15	293	269	92	21013	20368	97	89	11
	<b>Sub-total</b>	<b>800</b>	<b>762</b>	<b>95</b>	<b>59603</b>	<b>58165</b>	<b>98</b>	<b>93</b>	<b>7</b>
	<b>Total</b>	<b>3449</b>	<b>3308</b>	<b>96</b>	<b>251773</b>	<b>248272</b>	<b>99</b>	<b>95</b>	<b>5</b>

**Billing Efficiency (%) – TPL (S)>TPL (A)>DGVCL>UGVCL>MGVCL>PGVCL**

**Collection Efficiency (%) – UGVCL>PGVCL>MGVCL>DGVCL>TPL (A) = TPL (S)**

**AT & C Losses (%) – PGVCL>MGVCL>UGVCL>DGVCL>TPL (A)>TPL (S)**

Annexure IV

DISCOM	Year	Qtr	Consumer Category	No. of faulty meters at the start of the quarter (1)	No. of faulty meters added during the quarter (2)	Total no. of defective Meters/faulty Meters (3)=(2)+(1)	Faulty/Defective Meters Replaced/Repaired (4)	Pending For Replacement (5)=(3)-(4)	% Meters Repaired during the Quarter (6)=(4)/(3)
PGVCL	2014-15	Q1	1-Phase	72933	99128	172061	110319	61742	64.12
			3-Phase	21208	9148	30356	9993	20363	32.92
		Q2	1-Phase	61742	80700	142442	69007	73435	48.45
			3-Phase	20363	11411	31774	17130	14644	53.91
		Q3	1-Phase	73435	33397	106832	47910	58922	44.85
			3-Phase	14644	39992	54636	18728	35908	34.28
		Q4	1-Phase	58922	25325	84247	38074	46173	45.19
			3-Phase	35908	7409	43317	13114	30203	30.27
	2015-16	Q1	1-Phase	46173	39545	85718	41762	43956	48.72
			3-Phase	30203	3040	33243	4732	28511	14.23
		Q2	1-Phase	43956	34655	78611	35333	43278	44.95
			3-Phase	28511	16276	44787	16388	28399	36.59
		Q3	1-Phase	43278	17246	60524	19650	40874	32.47
			3-Phase	28399	9270	37669	5486	32183	14.56
		Q4	1-Phase	40874	53369	94243	53537	40706	56.81
			3-Phase	32183	24557	56740	27123	29617	47.80
UGVCL	2014-15	Q1	1-Phase	10893	13184	24077	16982	7095	70.53
			3-Phase	291	3151	3442	3247	195	94.33
		Q2	1-Phase	7095	17846	24941	17857	7084	71.60
			3-Phase	195	2678	2873	2569	304	89.42

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MGVCL	2015-16	Q3	1-Phase	7084	22963	30047	23109	6938	76.91
			3-Phase	304	2855	3159	2852	307	90.28
		Q4	1-Phase	6938	26287	33225	22164	11061	66.71
			3-Phase	307	3021	3328	2796	532	84.01
		Q1	1-Phase	11061	25032	36093	28837	7256	79.90
			3-Phase	532	4827	5359	4376	983	81.66
		Q2	1-Phase	7256	14917	22173	14841	7332	66.93
			3-Phase	983	3727	4710	3140	1570	66.67
	Q3	1-Phase	7332	12382	19714	15048	4666	76.33	
		3-Phase	1570	3672	5242	3669	1573	69.99	
	Q4	1-Phase	4666	17237	21903	19253	2650	87.90	
		3-Phase	1573	4214	5787	3603	2184	62.26	
	2014-15	Q1	1-Phase	34160	9300	43460	12849	30611	29.57
			3-Phase	12	1573	1585	1556	29	98.17
		Q2	1-Phase	30611	32109	66889	42041	24848	62.85
			3-Phase	29	2128	2157	2146	11	99.49
		Q3	1-Phase	24848	28905	53753	35717	18036	66.45
			3-Phase	11	1984	1995	1972	23	98.85
		Q4	1-Phase	18036	31069	49105	32873	16232	66.94
			3-Phase	23	2215	2238	2238	0	100.00
2015-16		Q1	1-Phase	16232	29049	45281	26714	18567	59.00
			3-Phase	0	1959	1959	1959	0	100.00
	Q2	1-Phase	18567	20243	38810	20774	18036	53.53	
		3-Phase	0	1401	1401	1401	0	100.00	
	Q3	1-Phase	18036	22426	40462	26726	13736	66.05	
		3-Phase	0	1788	1788	1788	0	100.00	

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		Q4	1-Phase	13736	30117	43853	31560	12293	71.97
			3-Phase	0	1874	1874	1874	0	100.00
DGVCL	2014-15	Q1	1-Phase	53261	24393	77654	29751	47903	38.31
			3-Phase	5157	4891	10048	4718	5330	46.95
		Q2	1-Phase	47903	33886	81789	33674	48115	41.17
			3-Phase	5330	4431	9761	3974	5787	40.71
		Q3	1-Phase	48115	40734	88849	40898	47951	46.03
			3-Phase	5787	4237	10024	5561	4463	55.48
		Q4	1-Phase	47951	28462	76413	32374	44039	42.37
			3-Phase	4463	4615	9078	4336	4742	47.76
	2015-16	Q1	1-Phase	44039	18396	62435	20926	41509	33.52
			3-Phase	4742	3843	8585	3526	5059	41.07
		Q2	1-Phase	41509	21524	63033	21827	41206	34.63
			3-Phase	5059	3142	8201	3048	5153	37.17
		Q3	1-Phase	41206	17182	58388	22054	36334	37.77
			3-Phase	5153	3124	8277	3234	5043	39.07
		Q4	1-Phase	36334	14662	50996	16994	34002	33.32
			3-Phase	5043	3289	8332	2587	5745	31.05
TPL-A	2014-15	Q1	1-Phase	0	7731	7731	7731	0	100.00
			3-Phase	0	1312	1312	1312	0	100.00
		Q2	1-Phase	0	7177	7177	7177	0	100.00
			3-Phase	0	1390	1390	1390	0	100.00
		Q3	1-Phase	0	7792	7792	7792	0	100.00
			3-Phase	0	1128	1128	1128	0	100.00
		Q4	1-Phase	0	7524	7524	7524	0	100.00
			3-Phase	0	1018	1018	1018	0	100.00

AGENDA NOTE FOR THE 17TH MEETING OF THE CO-ORDINATION FORUM

TPL-S	2015-16	Q1	1-Phase	0	9029	9029	9029	0	100.00
			3-Phase	0	1153	1153	1153	0	100.00
		Q2	1-Phase	0	7632	7632	7632	0	100.00
			3-Phase	0	975	975	975	0	100.00
		Q3	1-Phase	0	8322	8322	8322	0	100.00
			3-Phase	0	1182	1182	1182	0	100.00
		Q4	1-Phase	0	6960	6960	6960	0	100.00
			3-Phase	0	1112	1112	1112	0	100.00
	2014-15	Q1	1-Phase	54	3214	3268	3232	36	98.90
			3-Phase	6	693	699	691	8	98.86
		Q2	1-Phase	36	3661	3697	3643	54	98.54
			3-Phase	8	605	613	609	4	99.35
Q3		1-Phase	54	3195	3249	3217	32	99.02	
		3-Phase	4	629	633	623	10	98.42	
Q4		1-Phase	32	2880	2912	2892	20	99.31	
		3-Phase	10	467	477	474	3	99.37	
2015-16	Q1	1-Phase	20	3227	3247	3211	36	98.89	
		3-Phase	3	751	754	749	5	99.34	
	Q2	1-Phase	36	3261	3297	3266	31	99.06	
		3-Phase	5	585	590	585	5	99.15	
	Q3	1-Phase	31	3106	3137	3111	26	99.17	
		3-Phase	5	659	664	656	8	98.80	
Q4	1-Phase	26	3091	3117	3088	29	99.07		
	3-Phase	8	574	582	578	4	99.31		

**Electrical Accidents Report for FY 2015-16**

	YEAR	2014-15				2015-16				2014-15	2015-16
<b>Fatal Human(FH)</b>	Quarter	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1+Q2+Q3+Q4	Q1+Q2+Q3+Q4
	PGVCL	17	38	20	22	34	30	24	14	97	102
	UGVCL	21	20	11	17	24	29	8	17	69	78
	MGVCL	2	12	9	6	3	12	4	1	29	20
	DGVCL	10	11	7	10	18	24	11	11	38	64
	TPL-A	11	19	7	3	14	13	3	7	40	37
	TPL-S	2	11	6	4	6	3	4	1	23	14
	<b>TOTAL</b>	<b>63</b>	<b>111</b>	<b>60</b>	<b>62</b>	<b>99</b>	<b>111</b>	<b>54</b>	<b>51</b>	<b>296</b>	<b>315</b>
<b>Fatal Animal(FA)</b>		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1+Q2+Q3+Q4	Q1+Q2+Q3+Q4
	PGVCL	41	134	30	15	38	121	11	16	220	186
	UGVCL	11	51	4	7	25	46	6	4	73	81
	MGVCL	11	33	10	4	19	35	3	0	58	57
	DGVCL	7	35	20	3	21	31	17	6	65	75
	TPL-A	0	3	0	0	4	0	0	2	3	6
	TPL-S	0	0	0	0	0	3	0	0	0	3
	<b>TOTAL</b>	<b>70</b>	<b>256</b>	<b>64</b>	<b>29</b>	<b>107</b>	<b>236</b>	<b>37</b>	<b>28</b>	<b>419</b>	<b>408</b>

AGENDA NOTE FOR THE 17TH MEETING OF THE CO-ORDINATION FORUM

		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1+Q2+Q3+Q4	Q1+Q2+Q3+Q4
		Non Fatal Human (NFH)	PGVCL	32	53	30	18	27	45	14	15
UGVCL	15		9	5	5	12	14	7	10	34	43
MGVCL	4		11	6	8	9	9	1	4	29	23
DGVCL	8		21	14	19	28	31	9	9	62	77
TPL-A	6		4	1	1	2	5	6	3	12	16
TPL-S	0		7	0	2	2	0	0	0	9	2
<b>TOTAL</b>	<b>65</b>		<b>105</b>	<b>56</b>	<b>53</b>	<b>80</b>	<b>104</b>	<b>37</b>	<b>41</b>	<b>279</b>	<b>262</b>
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1+Q2+Q3+Q4	Q1+Q2+Q3+Q4
Total no. of accidents (FH+FA+NFH)	PGVCL	90	225	80	55	99	196	49	45	450	389
	UGVCL	47	80	20	29	61	89	21	31	176	202
	MGVCL	17	56	25	18	31	56	8	5	116	100
	DGVCL	25	67	41	32	67	86	37	26	165	216
	TPL-A	17	26	8	4	20	18	9	12	55	59
	TPL-S	2	18	6	6	8	6	4	1	32	19
	<b>TOTAL</b>	<b>198</b>	<b>472</b>	<b>180</b>	<b>144</b>	<b>286</b>	<b>451</b>	<b>128</b>	<b>120</b>	<b>994</b>	<b>985</b>
<b>Total Accidnets (FH+FA+NFH)</b>										<b>994</b>	<b>985</b>

Observation on FH, FA & NFH for DISCOMs in Q1+Q2+Q4+Q5 FY 15-16.

In the case of FH: PGVCL>UGVCL>DGVCL>TPL(A)>MGVCL>TPL(S)

In the case of FA:PGVCL>UGVCL>DGVCL>MGVCL>TPL(A)>TPL(S)

**In the case of NFH: PGVCL>DGVCL>UGVCL>MGVCL>TPL(A)>TPL(S)**

**Total Nos. of accidents was decreased in FY 2015-16 in comparison with FY 2014-15**

**Total Nos. of accidents were increased in Q-1 2015-16 in comparison with Q-1 FY 2014-15.**

**Total Nos. of accidents were increased during FY 2015-16 in case of DGVCL & UGVCL & TPL(A) comparison with FY 2014-15.**