

Compliance to GERC Directives

A. The directives issued in tariff order dated 31.03.2007 and reviewed by the Hon'ble Commission under Tariff Order dated 14.12.2009.

Directive 1: Purchase of Power from Renewable Energy Sources (RES)

The Hon'ble Commission had directed that DGVCL is required to purchase power from renewable sources in accordance with the Regulations in force from time to time.

Hon'ble Commission's comments under Tariff Order dated 14.12.2009:

The Commission notes the fulfillment of the RPO obligation by the petitioner.

Directive 2: Timely Meter Reading and Billing

The Hon'ble Commission had directed that there is a need for timely reading of meter promptly on the due date so that slab overlap does not put the consumer to loss. The licensee is required to provide relevant consumer related information on the spare space in the bill or along with the bill.

Hon'ble Commission's comments under Tariff Order dated 14.12.2009:

The Commission has noted the compliance of DGVCL on timely meter reading and billing as well as printing of additional information on the consumer bill.

Directive-3: Consumption by Agrictural pump sets:

The Hon'ble Commission had directed that the "DISCOM should evolve a methodology for assessing realistic consumption for un-metered agricultural pump sets and submit a report by November 2007 to arrive at a revised norm for consumption of unmetered agricultural services".

Compliance of DGVCL in Petition no.978 of 2009:

DGVCL is facing stiff resistance from existing Agriculture consumers as well as Kisan Sangh for providing meters for existing consumers; however DGVCL is using every opportunity to provide meters to existing consumers. Out of total 87514 nos. of connections, 41552 nos. of connections are provided with meters.

GUVNL has entrusted the work of study & analysis of consumption to M/s.Feedback Venture Limited and conclusion thereon is awaited.

Hon'ble Commission's comments under Tariff Order dated 14.12.2009:

DGVCL is directed to submit the no. of agriculture consumers metered till now and a realistic, time-bound plan of completion of metering of the remaining consumers. The progress on the same is very poor and DGVCL should expedite the metering process and complete the same at the earliest.

DGVCL is directed to undertake a compressive study to obtain a realistic assessment of consumption of agriculture pumps. DGVCL, before commencing the study, shall share the detailed approach and methodology with the Commission and take its approval on the same.

Further Compliance of DGVCL:

At present status of Agriculture consumers up to Dec-2009 is shown below.

Ag. Consumers up to Dec-2009		
Total nos. of Ag. consumers	Metered consumers	Unmetered consumers
87514	41552	45962

DGVCL provides meters on Agriculture consumers, if new or demanding extension/reduction/shifting/any alteration by existing Agricultural consumers. This can be ascertained from the figure below.

YEAR	Nos. of connections at the beginning of the year	Connections released during the year	Meters provided to um-metered Ag. consumers during Year	Total nos. of consumers at the end of the year	
				Metered	unmetered
2006-07	79101	2178	1250	28938	50163
2007-08	81279	3038	2621	34597	46682
2008-09	84317	3036	506	38139	46178
2009-10 [Upto Dec-09]	87514	3197	216	41552	45962

For the Installation of remaining unmetered Agricultural connections, it is planned to have consumer awareness programme to educate farmers. This can be done in south Gujarat by street drama, providing leaflets, with energy card and awareness slides on cable T.V. network for small farmers. At the time of programs on energy conservations, the farmers and consumers' associations will be invited to attend the seminars and accordingly they will be educated in the course of time and the remaining unmetered consumers will be reduced to the minimum possible extent in spite of stiff resistance by Kisan Vikas Sangh and other associations for not allowing to install meters of existing Agricultural Consumers.

GUVNL has entrusted the work of study & analysis of consumption to M/s.Feedback Venture Limited and conclusion thereon is still awaited.

Directive 4: Energy Audit

The Hon'ble Commission had directed that DGVCL shall report to the Commission to what extent the energy audit helped in reducing the losses giving specific cases and measures taken in such cases to reduce the losses.

Hon'ble Commission's comments under Tariff Order dated 14.12.2009:

The Commission has noted the compliance as submitted by DGVCL.

Directive-5: Distribution Loss:

The Hon'ble Commission had directed that the DISCOM shall prepare a road map for reduction of losses for the next 5 years (2007-08 to 2011-12). The technical and non-technical losses should be segregated and investments required for system improvements, metering etc. should be estimated. The DISCOM should effectively utilize the APDRP funds for reduction of losses in urban areas.

Compliance of DGVCL in Petition no.978 of 2009:

Distribution loss of the FY 2008-09 has come down to 14.78% from 15.04% for the FY 2007-08.

Hon'ble Commission's comments under Tariff Order dated 14.12.2009:

DGVCL has not provided the roadmap for reduction of losses till FY 2011-12. DGVCL has not provided the further investments required to reduce tech. & comm. losses. DGVCL is directed to provide these details.

DGVCL is also directed to provide details of utilization of APDRP funds till date.

Further Compliance of DGVCL:

The loss trajectory till FY 2010-11 was as approved by the Hon'ble Commission under tariff Order dated 17.01.2009.

In FY 2009-10, the revised estimate for distribution losses of DGVCL is 14.53% as against the approved level of 13.45%. The actual distribution losses for H1 of FY 2009-10 are 15.29%. The table below highlights the comparison of revised estimate of distribution losses of the DGVCL against that approved by the Hon'ble Commission vide its Tariff Order dated 17.01.2009.

Particulars	FY 2009-10 [Approved]	FY 2009-10 [H1]	FY 2009-10 [RE]
Distribution Loss	13.45%	15.29%	14.53%

From the comparison of first half periods of previous year & current year, it is seen that sent out units of Ag. Dominant feeders have increased by about 63.5% as power supply fed to Ag. dominant feeder was higher during the months of July, Aug, Sept-2009 as per the directives of GoG and because of that there is rise of 114.176 MUs in units sent out in the first half of current year (2009-10) as compared to identical half of the previous year (2008-09) out of which 5.424 MUs are due to release of 2490 no. of connections released between April-2009 to Sept-2009, thus there was increase of 108.752 MUs due to more supply of electricity to farmers during drought period of July-2009 to Sept-2009.

However, considering 4.75% rise in sent out units (load growth) for the whole year 2009-10 and 4.67% rise in sold out units, the revised projections for the T&D loss will be 14.53% for the year 2009-10, out of which 1.08% increase in loss is due to increase of 108.752 MUs to Ag. Sector, which otherwise would have been 13.45% (14.53% - 1.08% = 13.45%) which is as approved by the Hon'ble Commission.

Categoriwise Distribution losses of the company for last three years are as under:

Category	2007	2008	2009	2009 [Upto November]
INDUSTRIAL	7.47 %	5.81 %	5.64 %	4.43 %
GIDC	1.62 %	1.36 %	1.90 %	0.85 %
URBAN	25.41 %	21.92 %	20.39 %	18.45 %
JYOTIGRAM	60.39 %	60.65 %	58.35 %	56.35 %
Total	16.11 %	15.04 %	14.48 %	14.43 %

Looking to above, Distribution losses in Jyotigram feeders are very high and in this particularly category, the average losses are 58.90%.

JGY Category loss has large contribution in overall loss of the Company and, therefore, reduction in JGY Losses is the prime task of the Company. Company has taken up this task in the phased manner, whereby, high losses feeders have been assigned to various officers for close monitoring.

Due to enhanced vigilance activity and intensive efforts JGY category losses have seen a downward trend. It is emphasized on JGY and also Urban category to reduce the losses by implementing following actions.

Road Map of reduction of losses is shown below by planning of following measures.

- (1) Reducing losses by providing new substations in tribal area.
- (2) Bifurcation of the feeders through new sub-stations.
- (3) Providing of Aerial Bunch Conductors.
- (4) Providing HVDS
- (5) Removing lungarias [direct hooking from LT lines] by effective checking drive.
- (6) Rectification of old consumers.

For the year 2010-2011, the Company has planned to provide the fund under SI scheme of Rs.107 Crores. With this it is targeted that the Distribution losses for the next coming three years will be brought down at lower level as under.

Year	% losses
2009-10	14.53
2010-11	13.45
2011-12	12.45

Further investments required to reduce tech. & comm. Losses:

DGVCL has planned the investment for the reduction of technical & commercial losses under System Improvement [S.I.] Scheme as well as under R-APDRP Scheme. The future plan along with its estimated expenditure is as under:

System Improvement [S.I.] Scheme:

Sr. no.	Year	Nos. of Feeders covered	Estimated Expenditure [in Rs. Crores]	Projected Savings [MUs]
1.	2009-10	79 nos.	44.00	50
2.	2010-11 & 2011-12	316 nos.	107.70	80

R-APDRP Scheme:

Sr. no.	Year	Nos. of Feeders covered	Estimated Expenditure [in Rs. Crores]	Projected Savings [MUs]
1.	2010-11	116	43	24.39
2.	2011-12	116	43	24.39

Details of utilization of APDRP funds till date

The expenditure incurred in APDRP is Rs. 185.25 Crores. The details of utilization of APDRP funds till date circle wise and feeders involved are as under:

Particulars	Circles		
	Surat	Valsad	Bharuch
Financial Year			
Feeders in Nos.	106	82	13
2005-06 [Rs. in lacs]	6456.66	4361.77	2871.68
2006-07 [Rs. in lacs]	2545.81	1093.81	1197.03
Total Expenditure [Rs. in lacs]	9002.47	5455.58	4068.71
Grand Total for DGVCL [Rs. in cr.]	Rs.185.26 Crores		

Directive 6: Jyoti Gram Yojna

The Hon'ble Commission had directed that the results of technical and administrative measures taken to reduce losses may be reported to the Commission in specific cases i.e. feeder/ villages.

Hon'ble Commission's comments under Tariff Order dated 14.12.2009:

The Commission has noted the compliance.

Directive-7: Effective metering, billing and revenue realization:

The Hon'ble Commission had previously directed that there must be many old electro-magnetic meters which may not be recording the consumption accurately; steps should be taken to replace all such meters with static meters which record the consumption accurately. The Hon'ble Commission had mentioned that the action taken in metering is noted. [A report on action to be taken to improve meter reading and billing may also be submitted.](#)

Compliance of DGVCL in Petition no.978 of 2009:

Erstwhile GEB had started replacing existing Electro Magnetic meters by high precision quality meters from the year 2003-04. From the year 2004-05, new connections were released by installing quality/static meters on such installations.

The number of consumers in DGVCL as on 31-03-2004 was 1447971. Since 2004-05 and upto 2008-09, DGVCL has replaced 1095233 existing Electro Magnetic meters by quality/static meters. Therefore 352738 Electro Magnetic meters are required to be replaced by quality/static meters and the same is planned to be completed by the year 2010-11. The circle wise break-up is submitted as under.

Name of Circle	No. of conventional meters replaced by static / quality meters In FY:						
	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	Total up to 2009.
Surat	46059	57535	53768	77334	140908	52613	428217
Valsad	52612	75102	82547	18782	91828	37929	358800
Bharuch	34178	50191	75141	34943	83343	30420	308216
Total	132849	182828	211456	131059	316079	120962	1095233

Name of Circle	Planning for the replacement of the conventional meters by static / quality meters during FY:	
	2009-10	2010-11
Surat	70000	70000
Valsad	65000	65000
Bharuch	40000	42738
Total	175000	177738

Hon'ble Commission's comments under Tariff Order dated 14.12.2009:

The Commission has noted the target set for replacement of meters in FY 2009-10 and FY 2010-11. [DGVCL is directed to submit the actual achievement while filing the APR petition for FY 2009-10.](#)

Further Compliance of DGVCL:

[Achievement against the target set for replacement of meters during the FY2009-10 is as under:](#)

Name of Circle	Replacement of meters in FY 2009-10.	
	Target[2009-10]	Achievement [upto Dec-2009]
Surat	70000	20758
Bharuch	65000	24181
Valsad	40000	16099
Total	175000	61038

Due to the process of procurement of the static meters, the progress of replacement of meters during the current year remained low.

[A report on action to be taken to improve meter reading and billing is as under:](#)

The company has appointed M/s. Sterling Transformers vide Work Order dated 09.10.2009 for carrying out meter reading work of 32 Sub-Divisions of DGVCL having average monthly consumers 5,82,200 to ensure the meter reading and billing to the consumers in the prescribed time limit. The company has introduced stringent penalty clause for the delay in meter reading and any mal-practices in the meter reading and billing to the consumers.

Each Sub-Division is preparing the Spot Billing Programme in advance for Cycle-05 to be completed between 15th to 20th date of relevant month and balance cycles are to be completed from 20th date of relevant month to 10th date of next month. Such programme is handed over to Agency/Departmental Staff in advance for timely billing work as per the Schedule of GERC i.e. monthly bills are to be issued within 30 days from past bill for monthly billing and within 60 days from previous billing in by-monthly billing with variation of maximum two days.

Where the Meter Reading Agency lacks in completing the meter reading work, the Division/ Sub-Division head arranges for deployment of departmental staff for timely billing.

Circle wise timely billing during the month of Dec-2009 was as under:

- In the Valsad Circle, timely billing was 100% in all categories of consumers,
- In the Surat Circle, timely billing was 88.56%, 97.83%, 98.95%, 97.01% and 99.92% in Residential, Commercial, Industrial, Street Lights and Agricultural categories of consumers respectively,
- In the Bharuch Circle, timely billing was 85%, 95%, 95%, 90% and 92% in Residential, Commercial, Industrial, Water Works and Street Lights categories of consumers respectively.

The company has introduced LT billing through Hand Handled Equipment to ensure that there is no calculation error in bills. In Surat Circle, 70.86% [604078 nos. of consumers out of 852425 nos. of metered consumers] are billed through Hand Held Equipments. In Valsad Circle, 71.83% [499472 nos. of consumers out of 695313 nos. of metered consumers] are billed through Hand Held Equipments and in Bharuch Circle, 7.66% [34182 nos. of consumers out of 446316 nos. of metered consumers] are billed through Hand Held Equipments.

Automatic Meter Reading facility results in accurate, timely billing besides savings in time and expenses. Circle wise Automatic Meter Reading facility provided to HT consumers as on today is as under:

Name of Circle	Nos. of HT Consumers	Nos. of HT Consumers provided with Automatic Meter Reading facility
Surat	962	826
Valsad	705	524
Bharuch	503	288

The company has installed ATP Machines for bill collection for 24.00 Hrs. in Urban (City) area. Recently, the company has also appointed “e-Gram Panchayats” as Bill Collecting Agencies for collection of bills of DGVCL. This is in addition to the deployment of various Bill Collecting Agencies appointed by DGVCL including post offices to collect the bills issued by DGVCL.

Directive 8: Consumer Services

The Hon’ble Commission had directed that a survey on consumer satisfaction should be arranged to be conducted by a third party and a report on the findings may be submitted to the Commission.

DGVCL’s survey on consumer satisfaction was submitted to the Hon’ble Commission.

Hon’ble Commission’s comments under Tariff Order dated 14.12.2009:

The compliance by DGVCL on this directive is noted.

Further Compliance of DGVCL:

DGVCL has already entrusted the work of “Consumer satisfaction survey” once again on 03.02.2010. The Report thereon will be submitted to the Hon’ble Commission on its finalization.

Directive-9: Cent percent metering:

The Hon’ble Commission had directed that vigorous efforts should be made to provide meters to un-metered services which are still very large in number.

Compliance of DGVCL in Petition no.978 of 2009:

The status of metering is as given hereunder.

11 kV / 22 kV Feeders	100%
DTs on Ag. Dom. feeders	39.94%
DTs on other than Ag. Dom. feeders	56.63%
Individual consumers other than Ag. Consumer	100%
Ag. Consumer	45.74%

Hon’ble Commission’s comments under Tariff Order dated 14.12.2009:

The metering on Agriculture dominated feeders shall be accorded priority and expedited.

Further Compliance of DGVCL:

Company has provided panel meters on all 257 nos. of Agriculture feeders.

Directive-10: Business Plan

The Hon'ble Commission had directed that the Business plan for the next five years (2007-08 to 2011-12) should be finalized early and submitted to the Commission by April/May 2007.

Compliance of DGVCL in Petition no.978 of 2009:

DGVCL has finalized a comprehensive scope for the preparation of a Strategic Long-Term Business Plan which was entrusted to M/s.Crisil in Jan-2008. M/s.Crisil has submitted in June-2009, a draft report incorporating accounts of FY 2007-08. The Revised Business Plan which after detailed deliberations has been approved by the Board of DGVCL during the Board meeting held on 30th June 2009. The copy of the same will be furnished to GERC separately.

Hon'ble Commission's comments under Tariff Order dated 14.12.2009:

The Commission has not received a copy of the business plan. DGVCL is directed to submit the same at the earliest.

Further Compliance of DGVCL:

DGVCL have already submitted five copies of the Business Plan to the GERC during filing of APR Petition no.978 of 2009 vide letter no. DGVCL/C&R/APR Pet./09/10090 dated 21.08.2009. However, five more copies of the Business Plan have also submitted to GERC on 01.02.2010 vide letter no. DGVCL/C&R/APR Pet./Pub.-Notice/10/01442 dated 30.01.2010.

Directive-11: Introduction of MYT

The Hon'ble Commission had directed that the DISCOM shall finalize the Business Plan and relevant data required for preparation of filing of ARR for 2008-09 for implementation of MYT.

Compliance of DGVCL in Petition no.978 of 2009:

Based on DGVCL request, the Commission had extended the time limit for filing of APR Petition upto 30.06.2009. However, due to unforeseen circumstances, the same could not be filed by the extended timeframe. DGVCL requests the Commission to condone this delay in the filing.

Hon'ble Commission's comments under Tariff Order dated 14.12.2009:

The Commission has taken a very serious view of the delay in submission of the petition. The Commission is of the view that for future submissions the petitioner should file the petition within the stipulated time frame. In this regard the Commission is of the opinion that for the FY 2010-11, the petitioner should submit its petition within the permissible time frame as provided under the regulations.

Since prior permission had been obtained for extension in timelines, the petition shall be considered within the applicable regulatory framework.

Further Compliance of DGVCL:

The Hon'ble Commission views on directive no.9 have been noted and the Company will take care of that now onwards all future APR & ARR petitions will be filed before the Hon'ble Commission in time. This year, the Hon'ble Commission had extended the time limit to file the APR Petition upto 15.12.2009 and the Company had filed the APR Petition no.993/2010 on 23.12.2010 with the delay of one week.

Directive-12: Allocation of PPAs

The Hon'ble Commission had directed that the allocation of PPAs shall be firmed up at the earliest.

Compliance of DGVCL in Petition no.978 of 2009:

PPA allocation is reviewed from time to time by GUVNL and the Discoms. It is a dynamic activity in view of the fact that the consumer mix, load growth and revenue realization is different from Discom to Discom and varies from year to year. With the volatility of the fuel prices seen in the markets, firm allocation of PPA's to the Discoms will put the Discoms to the risk of very high power purchase expenses. Accordingly, to maintain parity of revenues among the Discoms, PPAs have to be reallocated periodically as the energy requirements and the load profile of companies keeps differing. The issue of cross subsidy amongst the Discoms is being addressed, at present, through PPA reallocation so as to maintain uniform retail tariff. We may have to continue this exercise unless the Commission addresses the issue of cross subsidy amongst various Discoms through some other methodology. Accordingly, PPAs have been reallocated while preparing the Tariff Petition for FY 2009-10 based on the actual allocation in FY 2008-09 as per the provisional accounts.

Hon’ble Commission’s comments under Tariff Order dated 14.12.2009:

The utilities are directed to firm up the allocation of PPAs.

Further Compliance of DGVCL:

To maintain parity of revenues among the Discoms, PPAs have to be reallocated periodically as the energy requirements and the load profile of companies keeps differing. The issue of cross subsidy amongst the Discoms is being addressed, at present, through PPA reallocation so as to maintain uniform retail tariff. We may have to continue this exercise unless the Hon’ble Commission addresses the issue of cross subsidy amongst various Discoms through some other methodology.

Directive 13: Distribution Transformer failure:

The Hon’ble Commission has directed that the DISCOM should take measures to reduce the transformer failures and adhere to the provision of standards of performance.

Compliance of DGVCL in Petition no.978 of 2009:

All necessary efforts are being made to further reduce the failure rate of Transformers. The table below indicates the reducing trend of Transformer failure rate.

Year	%’ failure
FY 2006-07	16.68
FY 2007-08	15.81
FY 2008-09	14.10

Hon’ble Commission’s comments under Tariff Order dated 14.12.2009:

The Commission has noted the compliance. DGVCL shall henceforth provide the failure rate for the year under review in every APR petition.

Further Compliance of DGVCL:

The Details of the failure rate for the current year as under shows the reducing trend of Transformer failure rate has been continued compared to that of the previous years.

Year		Total no. of Transformers	No. of failed Transformers	%’age failure
2009-10	[upto Dec-2009]	45938	5255	11.44
	[projected]	46688	6069	12.99
2010-11	[projected]	-	-	12.00

Measures being taken to further reduce transformer failures

Company is taking all possible measures to reduce the Distribution Transformer Failure rate by way of stringent maintenance viz.

- Reviewing loading of existing Distribution Transformer Centers under System Improvement Scheme, etc.,
- Reactivation of earthing,
- Providing M-seal to HT and LT side Bushings to prevent inrush of water during monsoon on all higher capacity transformers,
- Providing adequate size of fuse in distribution Box,
- Providing Lugs in HT/LT wiring,
- Providing proper size of cable considering loading on transformer,
- By regular maintenance work like checking of oil level and topping of oil leakage, cleaning, greasing of studs on distribution transformers, etc.
- Measuring phase wire load by deputing vigilance staff and carrying out balancing of load,
- LT line maintenance work like restringing of conductor and carrying out trimming of trees.

Additionally, Company has adopted a High Voltage Distribution System particularly for new Agricultural consumer which will further reduce the Transformer failure rate.

B. FRESH DIRECTIVES ISSUED UNDER GERC TARIFF ORDER DATED 14.12.2009.

Directive 1:

DGVCL shall provide details of the internal processes and procedures which are put in place to ensure that meter readers read the meters on time. It shall also provide the details of the process taken to correct the discrepancies if found any.

Compliance of DGVCL:

- (1) The spot billing work is carried out departmentally by DGVCL staff or by engaging outsourcing agency for meter reading and issuance of bills to consumers at site.
- (2) The spot billing work is bifurcated in total 5 cycles and in monthly and bimonthly billing. The billing of cycle 05 is monthly billing and balance cycles are bimonthly billing. The monthly billing is done with interval of 30 days and bi-monthly billing is done with interval of 60 days period.
- (3) The spot billing work of cycle 05 is started from 15th date of relevant month and completed on 20th date of relevant month. Balance cycles are billed during 20th date of relevant month and completed before 10th date of next month.
- (4) The meter reading programme of various cycles is being planned in advance and handed over to concerned departmental staff or outsourcing agency for timely commencement & completion of billing programme.
- (5) As far as meter reading by departmental staff is concerned, the meter reading staff is being rotated for prevention of malpractices.
- (6) The energy bills are personally handed over to consumers by departmental meter reader or staff of the agency. The meter reader is given meter reading programme in advance and the meter reader gives energy bills to consumer by taking meter reading through hand held equipment by visiting every premise personally.
- (7) After completion of daily meter reading programme, the meter reader or the agency hands over the energy bill data / book to billing section of the concerned sub-division on the same day or on the next day.
- (8) The Dy. Supdt. A/cs. / Sr. Assistant (Billing) monitors the meter reading programme whether the same is being done timely as per the programme given and wherever there is a delay in meter reading programme for any reason, staff from other sub-division / division is being deployed and it is being ensured that meter reading programme is being completed timely.
- (9) The Deputy Engineer of sub-division or the Billing staff of sub-division surprisingly checks the meter reading taken by the concerned meter reader or agency on random basis to ensure that there is no malpractice.

- (10) The billing data which has been uploaded and the bill books which have been submitted at sub-division are checked by Jr. Assistant in Billing Section and thereafter it is submitted to data processing agency engaged by DGVCL for final data entries and billing process.
- (11) If any complaint is received from a consumer regarding the energy bill issued to him, the same is sorted out / resolved after proper checking and wherever required by personally visiting the consumer premises either by the Deputy Engineer of the sub-division or Billing staff of the sub-division.
- (12) For ensuring that correct bills are being issued to consumers, DGVCL has provided hand held equipment to all the meter readers and the meter reading agency which has been outsourced has also been mandated to take meter reading through hand held equipment only.

Directive 2:

DGVCL is henceforth directed to submit, in advance, the number of old meters it plans to replace in every ARR petition. Subsequently in the APR petition for that year, it shall also submit the details of actual meters replaced vis-à-vis the target.

Compliance of DGVCL:

In DGVCL area, the implementation of the work of providing static meters in industrial HT/LT connections was started since last 8 years by erstwhile GEB and the same was continued by the Company and as on today all the industrial connections are provided with static meters. During the last 5 years, the Company has provided high precision energy meters in domestic/commercial connections. Out of total 20,21,258 domestic/commercial connections, 14,94,665 connections are provided with high precision energy meters and 35,500 connections are provided with static meters. Here, it is to mention here that the high precision energy meters have the guarantee period of 10 years.

The Company replaces on an average 1.25 Lac faulty meters per annum. The present load growth observed for new connections is about 1.1 Lac per annum. Hence, keeping in view of the consumer strength, the Company has planned to replace about 2.25 Lac meters per annum in the next coming years and will reach the target of replacement of all the old meters by the FY 2019-20.

Total nos. of consumers of the Company during the FY 2008-09 were 1935568 and as per Table 35 of the APR Petition no.993 of 2010, considering total nos. of consumers may be 2084641 at the end of the FY 2009-10. Assuming year wise growth of 6.5% thereafter, nos. of new connections will be as shown below.

The year wise planning of the Company for the replacement of the old meters by providing static/qualitative meters for the next years is as under:

FY	No. of consumers [projected] assuming year wise growth of 6.5%	New Connections [Projected]	Target for the replacement of old meters.
2010-11	2220143	144309	177738
2011-12	2364452	153689	225000
2012-13	251814	163679	225000
2013-14	2681820	174318	225000
2014-15	2856139	185649	225000
2015-16	3041788	197716	225000
2016-17	3239504	210567	225000
2017-18	3450071	224255	225000
2018-19	3674326	238831	225000
2019-20	3913157	254355	225000

Onwards from 2011, only static meters will be provided. In the middle of the FY 2010-11, the procurement of static meters will be completed and thereafter all the meters will be replaced by static meters only and also the new connections will be released with static meters only.

Directive 3:

DGVCL is directed to submit details of number of theft cases reported and status of penal action taken in its petition. Further, it shall also submit the total amount recovered from such consumers.

Compliance of DGVCL:

Details of number of theft cases reported under section 135-126 of the Electricity Act-2003, status of penal action taken and the total amount recovered from such consumers during the year 2008-09 and 2009-10 [upto November-2009] is as under:

Year 2008-09									
Name of Circle	Cases detected u/s.135						Cases detected u/s.126		
	No. of cases	Assessment amount [in Rs. Lacs]	Recovery [in Rs. Lacs]	No. of FIRs	Consumers from whom compounding charges are recovered u/s 152		No. of cases	Assessment amount [in Rs. Lacs]	Recovery [in Rs. Lacs]
					Nos.	Amt. [in Rs. Lacs]			
Surat	4586	1060.78	361.47	46	4380	93.6851	438	60.66	30.61
Valsad	2509	251.84	171.66	59	2610	30.23304	365	44.28	28.25
Bharuch	1460	231.91	187.67	113	1285	31.03612	451	33.86	17.63
DGVCL	8555	1544.53	720.8	218	8275	154.95426	1254	138.8	76.49

Year 2009-10 [upto November-2009]									
Name of Circle	Cases detected u/s.135						Cases detected u/s.126		
	No. of cases	Assessment amount [in Rs. Lacs]	Recovery [in Rs. Lacs]	No. of FIRs	Consumers from whom compounding charges are recovered u/s 152		No. of cases	Assessment amount [in Rs. Lacs]	Recovery [in Rs. Lacs]
					Nos.	Amt. [in Rs. Lacs]			
Surat	3466	576.11	269.1	131	3080	60.79099	185	57.21	17.18
Valsad	1836	275.59	121.52	47	1410	21.4437	53	40.42	0.57
Bharuch	1121	266.72	120.66	33	846	11.99573	199	15.54	8.57
DGVCL	6423	1118.42	511.28	211	5336	94.23042	437	112.17	26.32

Directive 4:

DGVCL is directed to submit all financial figures in its future ARR and APR petitions in units of rupees Crores.

Compliance of DGVCL:

The fresh directive no.4 has been noted and now all future APR & ARR petitions will be prepared in the unit of 'Rs. in Crore'.