

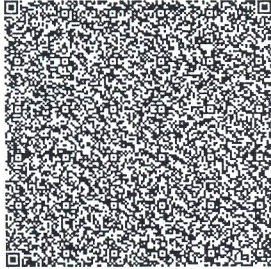
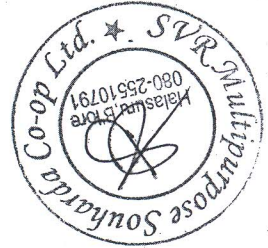


सत्यमेव जयते

# INDIA NON JUDICIAL Government of Karnataka

## e-Stamp

Certificate No. : IN-KA017009665411690  
Certificate Issued Date : 11-Feb-2016 02:22 PM  
Account Reference : NONACC (FI)/ kaksfcl08/ HALASURU/ KA-BA  
Unique Doc. Reference : SUBIN-KAKAKSFCL08525153405770540  
Purchased by : MINISTRY OF POWER GOI  
Description of Document : Article 12 Bond  
Description : TRIPARTITE MOU BETWEEN GOI GOVT OF GUJARAT AND  
GUVNL  
Consideration Price (Rs.) : 0  
(Zero)  
First Party : MINISTRY OF POWER GOI  
Second Party : GOVERNMENT OF GUJARAT AND OTHERS  
Stamp Duty Paid By : MINISTRY OF POWER GOI  
Stamp Duty Amount(Rs.) : 150  
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This e-Stamp forms an integral part of the Tripartite Memorandum of Understanding dated 13 February, 2016 executed amongst Ministry of Power, Government of India, Government of Gujarat and Gujarat Urja Vikas Nigam Limited on behalf of Gujarat DISCOMs at Bangaluru.

### Statutory Alert:

1. The authenticity of this Stamp Certificate should be verified at "www.shcilestamp.com". Any discrepancy in the details on this Certificate and as available on the website renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

**TRIPARTITE MEMORANDUM OF UNDERSTANDING  
AMONGST**

**Ministry of Power, Government of India**

**AND**

**Government of Gujarat**

**AND**

**Gujarat Urja Vikas Nigam Limited, on behalf of  
GUJARAT Distribution Companies**

**For achieving further operational efficiency of Gujarat  
Distribution Companies viz. Dakshin Gujarat Vij  
Company Limited (DGVCL), Madhya Gujarat Vij  
Company Limited (MGVCL), Paschim Gujarat Vij  
Company Limited (PGVCL), and Uttar Gujarat Vij  
Company Limited (UGVCL).**

This TRIPARTITE MEMORANDUM OF UNDERSTANDING (hereinafter referred to as the "Tripartite MOU") is made this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

**BY AND AMONGST**

Ministry of Power, Government of India, having its Office at Rafi Marg, Sansad Marg Area, New Delhi – 110 001 which expression shall unless it be repugnant to the subject or context thereof, include its successors and assigns, of the **FIRST PART**;

**AND**

Government of Gujarat (hereinafter referred to as "**Government of Gujarat**" which expression shall unless it be repugnant to the subject or context thereof, include its successors and assigns, of the **SECOND PART**.

**AND**

Gujarat Urja Vikas Nigam Limited, hereinafter referred to as GUVNL, for and on behalf of Gujarat Distribution Companies [Dakshin Gujarat Vij Company Limited (DGVCL), Madhya Gujarat Vij Company Limited (MGVCL), Paschim Gujarat Vij Company Limited (PGVCL), and Uttar Gujarat Vij Company Limited (UGVCL)] hereinafter referred to as "**GUJARAT DISCOMs**" which expression shall unless repugnant to the context or meaning includes its successors and assigns ) of the **THIRD PART**.

The Government of India, the Government of Gujarat, and the GUVNL on behalf of Gujarat DISCOMs are hereinafter also referred to collectively as the "**Parties**" and individually as the "**Party**".

**Definitions:**

"**Effective Date**" means the date of signing of the MOU,

"**Gujarat DISCOMs**" means [Dakshin Gujarat Vij Company Limited (DGVCL), Madhya Gujarat Vij Company Limited (MGVCL), Paschim Gujarat Vij Company Limited (PGVCL), and Uttar Gujarat Vij Company Limited (UGVCL)].

**Preamble:**

The Government of India, Government of Gujarat and the Gujarat DISCOMs through GUVNL have entered into this Tripartite MOU in order to further improve the operational and financial efficiency of the Gujarat DISCOMs to enable sustainable operations of the DISCOMs.

NOW IT IS HEREBY AGREED BY AND AMONG THE PARTIES HERETO as follows:

**1. Obligatory / Commitments:**

**1.1 The Government of India to take following measures:**

- a) Facilitating through Ministry of Coal, increase in supply of domestic coal to Gujarat State Electricity Corporation Limited (GSECL);

- b) Ensuring rationalization of coal linkages;
- c) Liberally allowing coal swaps from inefficient plants to efficient plants and from plant situated away from mines to pithead plants;
- d) Rationalizing coal prices based on Gross Calorific Value (GCV);
- e) Ensuring correction of coal grade slippages through re-assessment of each mine;
- f) Directing Coal India to supply 100% washed coal for G10 grade and above by 1<sup>st</sup> October, 2018; if so required by GSECL.
- g) Ensuring supply of 100% crushed coal from Coal India by 1<sup>st</sup> April 2016; if so required by GSECL.
- h) Faster completion of ISTN lines;
- i) Allocating linkages to state at notified price based on which the State will go for tariff based bidding. This will help in getting cheaper power and revive stressed assets;

**1.2 The Govt. of Gujarat to take the following measures:**

- a) All outstanding dues from the State Government departments to DISCOMs for supply of electricity shall be paid by 31.03.2016.
- b) Replacement of street lights with LEDs in all municipal towns through Nagar Nigam / Municipal Corporations;
- c) Improving efficiency of State Generating Units;
- d) Government of Gujarat shall endeavour to ensure that tariff hikes as reflected in **Annexure-B** are undertaken.
- e) Government of Gujarat will endeavour to ensure that all operational targets as enumerated in Section 1.3 are achieved.
- f) Government of Gujarat indicated that the current transmission losses are 4% and shall endeavour to bring down the same further (66 KV sub-transmission system is also part of transmission).
- g) Review of DISCOMs performance shall be done on monthly basis at State Government level.

**1.3 The Gujarat DISCOMs to take the following measures:**

- a) The DISCOMs shall pay interest to Government of Gujarat on the outstanding Government of Gujarat loan in a financial year at the rate at which Government of Gujarat issued non-SLR Bonds.
- b) The DISCOMs shall endeavour to reduce AT&C losses from 14.64 % in FY 2014-15 to 13.00 % by FY 2018-19 as per the following trajectory:

DISCOM / Year	FY 15-16	FY 16-17	FY 17-18	FY 18-19
DGVCL	9.29%	9.24%	9.19%	9.15%
MGVCL	16.00 %	15.50 %	15.00 %	14.50 %
PGVCL	22.00%	19.66%	17.33%	15.00%
UGVCL	9.82%	9.77%	9.72%	9.67%
All DISCOMs	14.50 %	14.00 %	13.50 %	13.00 %

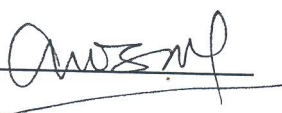
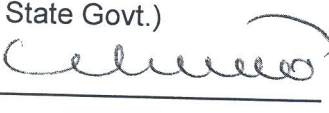
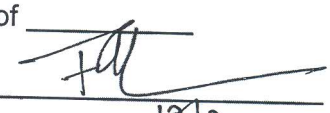
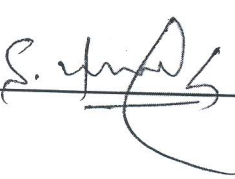
However, if the target in a particular year is not met, then the DISCOMs shall strive to achieve the targets in the subsequent years so as to achieve the desired target of 13.00 % AT&C losses by FY 2018-19.

- c) The DISCOMs shall eliminate the gap between ACS and ARR by FY 2018-19. Detailed computations of year-wise ACS-ARR gap along-with financial projections have been attached as **Annexure-B**.
- d) DISCOMs shall submit the detailed action plan by 31.03.2016 to achieve the projected trajectory for AT&C loss.
- e) The DISCOMs shall achieve operational milestones as specified in DDUGJY & IPDS.
- f) The DISCOMs shall take the following measures for Loss Reduction:
  - (i) Undertaking name and shame campaign to control power theft from time to time;
  - (ii) Preparing loss reduction targets at sub-division / division / circle / zonal level and making concerned officers responsible for achieving the loss reduction targets; the loss reduction targets at the division level have been attached as Annexure-A of MOU.
  - (iii) Implementing performance monitoring and management system MIS for tracking the meter replacement, loss reduction and day to day progress for reporting to top management;
  - (iv) Achieving 100% Distribution Transformer (DT) metering by 30 June 2017;
  - (v) Achieving 100% feeder metering by 30 June 2016;
  - (vi) Undertaking energy audit upto 11 KV level in rural areas is already being carried out;
  - (vii) Undertaking Feeder Improvement Programme for network strengthening and optimization, to be completed by March 2017;
  - (viii) Undertaking Physical Feeder Segregation by March 2018;
  - (ix) Installation of Smart Meters for all consumers other than agricultural consumers consuming above 500 units / month by 31<sup>st</sup> December 2017 and consumers consuming above 200 units / month by 31<sup>st</sup> December 2019;
  - (x) Providing electricity access to Nil unconnected households as per trajectory finalized in the 24x7 Power for All documents by FY 2019;
  - (xi) Implementing ERP systems for better and effective inventory management, personnel management, accounts management etc. to reduce costs and increase efficiencies by March 2017.
- g) The DISCOMs shall undertake the following measures for Demand Side Management and Energy Efficiency:
  - (i) Providing LED for domestic and other category consumers under DELP programme through EESL;
  - (ii) Undertaking consumer awareness programmes for optimum utilization of resources and to foster long term behavioural changes;
  - (iii) Installation of energy efficient agriculture pumps in future;
  - (iv) Implementing PAT scheme of BEE for improving energy efficiency in Industries.

- h) The DISCOMs shall undertake the following tariff measures:
- (i) Quarterly tariff revision particularly to offset fuel price increase;
  - (ii) Timely filing of Tariff Petition before the GERC so that Tariff Order may be issued for the year as early as possible;
  - (iii) Timely preparation of annual accounts of the DISCOMs, which shall also enable timely filing of the Tariff Petition;
- i) The DISCOMs shall undertake the following measures to increase employee engagement:
- (i) Initiating capacity building of employees to enhance technical, managerial and professional capabilities at induction level and in subsequent refresher trainings;
  - (ii) Devising Key Performance Indicators (KPIs) for each officer in-charge on areas of AT&C loss reduction and improvement in meter / billing / collection efficiency. The performance of officer in-charge shall be linked to KPIs achieved and will attract incentive / penalty;
- j) The DISCOMs shall implement the following Customer Service Strategy;
- (i) Setting up of Centralized Customer Call Center for timely resolution of complaints related to no current and other technical complaints, harassment by official, reporting of theft and safety relating complaints;
  - (ii) Introducing more avenues to consumers for bill payment, which could be in terms of e-payment through net banking, credit / debit card, kiosks at banks and post offices, village panchayats, mobile collection vans, etc;
- k) The DISCOMs shall procure power through the transparent process of competitive bidding;
- l) Every DISCOM shall identify the key personnel for implementing the scheme (UDAY).
- m) DISCOMs shall devise the mechanism to motivate and encourage the staff.
- n) CMD / MD of DISCOMs shall monitor the performance of DISCOMs on monthly basis.
- o) Monthly monitoring targets shall be provided on or before 31<sup>st</sup> March, 2016.
- p) It is hereby agreed that the Memorandum of Understanding can be placed in public domain by any of the parties.

Detailed action plan for implementation of the targeted activities is attached as **Annexure-C** of the MOU.

IN WITNESS whereof the Parties hereto have executed these presents the day, month and year first herein above written.

<p>SIGNED AND DELIVERED BY (on behalf of MOP, Govt. of India)</p> <p>Signature <u></u></p> <p><b>डा. अरुण कुमार वर्मा</b> <b>Dr. ARUN KUMAR VERMA</b> संयुक्त सचिव / Joint Secretary विद्युत विभाग / Ministry of Power भारत सरकार / Government of India नई दिल्ली - 110003 <b>Name &amp; Designation A.K. VERMA</b> <b>Joint Secretary (Distribution)</b></p> <p><b>Address</b> Ministry of Power, Rafi Marg, Sansad Marg Area, New Delhi – 110 001.</p>	<p>In presence of _____</p> <p>Signature _____</p> <p>Name &amp; Designation _____</p> <p>Address _____</p> <p>_____</p>
<p>SIGNED AND DELIVERED BY (on behalf of State Govt.)</p> <p>Signature <u></u></p> <p>Principal Secretary <b>Energy &amp; Petrochemicals Department</b> Government of Gujarat</p> <p><b>Name &amp; Designation L. Chuaungo</b> Principal Secretary to the Government of Gujarat</p> <p><b>Address</b> Energy &amp; Petrochemicals Dept., Block No- 5, 5th Floor, New Sachivalay, Gandhinagar - 382010</p>	<p>In presence of _____</p> <p>Signature <u></u> 18/2</p> <p><b>Name &amp; Designation K.M. Bhura.</b> <b>Chief Engineer</b></p> <p><b>Address</b> PAVCL, Rajkot General</p> <p>_____</p>
<p>SIGNED AND DELIVERED BY GUVNL on behalf of State DISCOMs</p> <p>Signature <u></u></p> <p><b>Name &amp; Designation S. B. Khyalia</b> Director(Finance)</p> <p><b>Address</b> Gujarat Urja Vikas Nigam Ltd., Sardar Patel Vidyut Bhavan, Race Course, Vadodara :390 007.</p>	<p>In presence of _____</p> <p>Signature _____</p> <p>Name &amp; Designation _____</p> <p>Address _____</p> <p>_____</p>

## Loss Reduction Targets at the Division Level (in %)

A: DGVCL Discom

Division	FY 15			FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20
	Dist. Losses	% Collection efficiency	AT &C	AT &C	AT &C	AT &C	AT &C	AT &C
SURAT O&M DIVISON	7.77	100	7.77	7.77	7.77	7.77	7.77	7.77
VYARA (O&M) DIVISON	42.44	100	42.44	40.31	38.30	36.38	34.56	32.84
BARDOLI DIVISION	25.05	100	25.05	23.79	22.60	21.47	20.40	19.38
KADODARA O&M DIVISION	3.55	100	3.55	3.55	3.55	3.55	3.55	3.55
NAVSARI O&M DIVISION	20.29	100	20.29	19.28	18.31	17.40	16.53	15.70
VAPI O&M DIVISION	19.31	100	19.31	18.34	17.43	16.56	15.73	14.94
VAPI IND. O&M DIVISION	4.66	100	4.66	4.66	4.66	4.66	4.66	4.66
VALSAD O&M DIVISION	18.30	100	18.30	17.39	16.52	15.69	14.91	14.91
VALSAD CITY DIVISION	12.17	100	12.17	12.17	12.17	12.17	12.17	12.17
NAVSARI CITY DIVISION	7.90	100	7.90	7.90	7.90	7.90	7.90	7.90
BHRAUCH O & M DIVISION	6.21	100	6.21	6.21	6.21	6.21	6.21	6.21
ANKLESHWAR O & M DIVISION	29.15	100	29.15	27.70	26.31	24.99	23.75	22.56
ANKLESHWAR IND. DIVISION	1.52	100	1.52	1.52	1.52	1.52	1.52	1.52
RAJPIPLA O&M DIVISION	25.12	100	25.12	23.86	22.67	21.54	20.46	19.44
BHARUCH CITY DIVN	8.43	100	8.43	8.43	8.43	8.43	8.43	8.43
SURAT (URB) DIVISON	13.67	100	13.67	13.67	13.67	13.67	13.67	13.67
RANDER(O&M) DIV.	7.71	100	7.71	7.71	7.71	7.71	7.71	7.71
SURAT (IND) DIVISON	2.95	100	2.95	2.95	2.95	2.95	2.95	2.95
PIPLOD DIVISION	4.50	100	4.50	4.50	4.50	4.50	4.50	4.50
<b>Total Discom</b>	<b>9.33</b>	<b>100</b>	<b>9.33</b>	<b>9.29</b>	<b>9.24</b>	<b>9.19</b>	<b>9.15</b>	<b>9.10</b>



**C: PGVCL Discom**

Division	FY 14-15			FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20
	Dist. Losses	% Collection efficiency	AT &C	AT &C	AT &C	AT &C	AT &C	AT &C
RAJKOT CITY-1	10.91	100	10.91	10.54	9.42	8.30	7.18	7.09
RAJKOT CITY-2	7.56	100	7.56	7.30	7.25	7.20	7.15	7.10
RAJKOT CITY-3	11.15	100	11.15	10.77	9.63	8.49	7.34	7.25
GONDAL	21.66	100	21.66	20.92	18.70	16.48	14.26	14.08
DHORAJI	15.82	100	15.82	15.28	13.66	12.04	10.42	10.28
RAJKOT RURAL DIV	9.01	100	9.01	8.70	7.78	7.70	7.52	7.42
JASDAN	46.64	100	46.64	45.05	40.27	35.49	30.71	30.31
JETPUR	19.90	100	19.90	19.22	17.18	15.14	13.10	12.93
MORBI	4.27	100	4.27	4.25	4.23	4.21	4.18	4.13
HALVAD	43.02	100	43.02	39.54	33.44	27.87	22.92	22.62
WANKANER	14.18	100	14.18	13.70	12.24	10.79	9.34	9.21
PORBANDAR CITY	8.81	100	8.81	8.51	7.60	7.40	7.20	7.11
PORBANDAAR RURAL	25.37	100	25.37	24.51	21.91	18.51	15.41	15.21
KESHOD	19.79	100	19.79	19.12	17.09	15.06	13.03	12.86
MANGROL	26.72	100	26.72	25.81	23.07	19.53	16.30	16.09
JAMNAGAR-CITY-1	30.61	100	30.61	29.57	26.43	23.29	20.15	19.89
JAMNAGAR-CITY-2	23.07	100	23.07	22.28	19.92	17.55	15.19	14.99
JAMNAGAR RURAL	31.88	100	31.88	30.79	27.52	24.26	20.99	20.72
KHAMBHALIYA	41.53	100	41.53	40.12	35.86	31.60	27.34	26.99
JAMJODHPUR	41.46	100	41.46	40.05	35.79	31.55	27.29	26.94
DWARKA	39.10	100	39.10	37.77	33.76	29.75	25.74	25.41
JUNAGADH CITY	13.24	100	13.24	12.79	11.43	10.07	8.72	8.60
JUNAGADH RURAL-1	25.35	100	25.35	24.48	21.88	19.29	16.69	16.47
JUNAGADH RURAL-2	17.66	100	17.66	17.06	15.24	13.44	11.63	11.47
VERAVAL	28.13	100	28.13	27.17	24.28	21.40	18.52	18.28
BHUJ	26.85	100	26.85	25.93	23.18	20.43	17.68	17.45

ANJAR	14.33	100	14.33	13.84	12.37	10.90	9.43	9.31
GANDHIDHAM	8.81	100	8.81	8.51	7.61	7.52	7.38	7.07
MANDVI	18.67	100	18.67	18.04	16.12	14.21	12.29	12.13
NALIYA	25.76	100	25.76	24.88	22.24	19.60	16.96	16.74
BHACHAU	30.24	100	30.24	29.21	26.11	23.01	19.91	19.65
BHAVNAGAR CITY-1	8.90	100	8.90	8.60	7.69	7.50	7.10	7.01
BHAVNAGAR RURAL	15.54	100	15.54	15.01	13.42	11.83	10.23	10.10
MAHUVA	32.33	100	32.33	31.23	27.91	24.60	21.29	21.01
PALITANA	30.85	100	30.85	29.80	26.63	22.47	18.74	18.50
BHAVNAGAR CITY-2	13.99	100	13.99	13.51	12.08	10.65	9.21	9.09
BOTAD	30.13	100	30.13	29.11	26.01	22.93	19.84	19.58
GADHADA	31.06	100	31.06	30.01	26.82	23.64	20.45	20.19
AMRELI-1	23.69	100	23.69	22.89	20.46	18.03	15.60	15.40
AMRELI-2	32.79	100	32.79	31.67	28.31	24.95	21.59	21.31
SAVARKUNDLA	21.29	100	21.29	20.56	18.38	16.20	14.02	13.83
UNA	47.57	100	47.57	45.95	41.07	36.19	31.32	30.91
SURENDRANAGAR-1	28.67	100	28.67	27.70	24.76	21.82	18.88	18.63
LIMBDI	40.86	100	40.86	39.47	35.27	31.09	26.90	26.55
DHRANGADHRA	39.67	100	39.67	38.32	34.25	30.18	26.12	25.78
<b>PGVCL</b>	<b>22.77</b>	<b>100</b>	<b>22.77</b>	<b>22.00</b>	<b>19.66</b>	<b>17.33</b>	<b>15.00</b>	<b>14.80</b>

D: UGVCL Discom

Division	FY 15			FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20
	Dist. Losses	Collection efficiency	AT &C	AT &C	AT &C	AT &C	AT &C	AT &C
Kadi	3.12	100	3.12	3.10	3.10	3.10	3.10	3.10
Mehsana	1.18	100	1.18	1.17	1.17	1.17	1.17	1.17
Vijapur	3.45	100	3.45	3.43	3.43	3.43	3.43	3.43
Patan	6.95	100	6.95	6.90	6.90	6.90	6.90	6.90
Visnagar	3.39	100	3.39	3.37	3.37	3.37	3.37	3.37
Sabarmati	7.66	100	7.66	7.33	7.33	7.33	7.33	7.33
Bavla	17.41	100	17.41	16.54	15.71	14.93	14.93	14.18
Bopal	4.01	100	4.01	3.77	3.77	3.77	3.77	3.77
Gandhinagar	10.86	100	10.86	10.31	10.31	10.31	10.31	10.31
Kalol	2.55	100	2.55	2.44	2.44	2.44	2.44	2.44
Palanpur-1	9.63	100	9.63	8.89	8.89	8.89	8.89	8.89
Palanpur-2	12.27	100	12.27	11.36	11.36	11.36	11.36	11.36
Sidhpur	5.86	100	5.86	5.53	5.53	5.53	5.53	5.53
Deesa-1	18.39	100	18.39	17.47	16.60	15.77	14.98	14.23
Deesa-2	23.44	100	23.44	22.27	21.15	20.10	19.09	18.14
Radhanpur	20.86	100	20.86	19.82	18.83	17.88	16.99	16.14
Himatnagar	3.50	100	3.50	3.43	3.43	3.43	3.43	3.43
Idar	3.70	100	3.70	3.54	3.54	3.54	3.54	3.54
Talod	10.52	100	10.52	10.08	10.08	10.08	10.08	10.08
Modasa	20.55	100	20.55	19.52	18.55	17.62	16.74	15.90
Bhiloda	10.52	100	10.52	10.29	10.29	10.29	10.29	10.29
<b>Total Discom</b>	<b>9.87</b>	<b>100</b>	<b>9.87</b>	<b>9.82</b>	<b>9.77</b>	<b>9.72</b>	<b>9.67</b>	<b>9.63</b>

**ANNEXURE-B**

**Financial Projections of Gujarat DISCOMs**

Scenario Highlights: (No Debt take over by Gujarat Govt.)

**Other Key Assumptions:**

**Tariff Hike:**

FY 14-15 ( * )	FY 15-16	FY 16-17	FY 17-18	FY 18-19
14 paise	0	0	0.5%	0.5%

\*ACTUAL AS PER T.O. DATED 31.3.2015

Note : However, fuel and power purchase cost variation surcharge shall be automatically increased or decreased every quarter as per approved formula

**AT&C LOSS TRAJECTORY:**

DISCOM	FY 14-15 (Actual)	FY 15-16	FY 16-17	FY 17-18	FY 18-19
DGVCL	9.33	9.29	9.24	9.19	9.15
MGVCL	11.80	16.00	15.50	15.00	14.50
PGVCL	22.77	22.00	19.66	17.33	15.00
UGVCL	9.87	9.82	9.77	9.72	9.67
Total	14.64	14.50	14.00	13.50	13.00

**Billing Efficiency:**

DISCOM	FY 14-15 (Actual)	FY 15-16	FY 16-17	FY 17-18	FY 18-19
DGVCL	90.67	90.71	90.76	90.81	90.85
MGVCL	88.20	84.00	84.50	85.00	85.50
PGVCL	77.23	78.00	80.34	82.67	85.00
UGVCL	90.13	90.18	90.23	90.28	90.33
Total	85.36	85.50	86.00	86.50	87.00

**Collection Efficiency:**

DISCOM	FY 14-15 (Actual)	FY 15-16	FY 16-17	FY 17-18	FY 18-19
DGVCL	100	100	100	100	100
MGVCL	100	100	100	100	100
PGVCL	100	100	100	100	100
UGVCL	100	100	100	100	100
Total	100	100	100	100	100

### Income Statement – Summary

Amount in Rs. Crores	FY16	FY17	FY18	FY19
TOTAL INCOME	35065	37639	40583	43768
TOTAL COSTS	35971	38438	41370	44412
Net income (without subsidy)	-906	-799	-787	-644
committed state govt. subsidy	1100	1100	1100	1100
Net Income (with Subsidy)	194	301	313	456

### Operational Funding Requirement (OFR) – Summary

Amount in Rs. Crore	FY16	FY17	FY18	FY19	TOTAL
OFR	0	0	0	0	0

INCLUDES POWER PURCHASE LIABILITY AS ON 31.03.2015

## Income Statement- Detailed

Rs. Crores

Particulars	FY16	FY17	FY18	FY19
<b>INCOME</b>				
Revenue from Sale of Power	33419	35946	38842	41976
other receipts	906	939	972	1007
other income (including revenue from trading)	740	754	769	785
<b>Total income</b>	<b>35065</b>	<b>37639</b>	<b>40583</b>	<b>43768</b>
<b>COSTS</b>				
Power purchase costs	31761	33443	35756	38235
R&M costs	128	136	144	153
Employees costs	1684	1853	2038	2242
Administration & General Costs	137	145	154	163
depreciation	1211	1418	1610	1768
interest & Finance Costs	777	1114	1434	1660
other debits	273	329	234	191
sub-total costs	<b>35971</b>	<b>38438</b>	<b>41370</b>	<b>44412</b>
less: incidental expenses	0	0	0	0
<b>Total Costs</b>	<b>35971</b>	<b>38438</b>	<b>41370</b>	<b>44412</b>
Net Income w/o Subsidy	-906	-799	-787	-644
committed state govt. Subsidy	0	0	0	0
Electricity Duty Retention/stamp duty	0	0	0	0
interest subsidy on IBRD loan	0	0	0	0
cash subsidy	1100	1100	1100	1100
others(compounding charges)	0	0	0	0
total subsidy available	1100	1100	1100	1100
<b>Net Income with Subsidy</b>	<b>194</b>	<b>301</b>	<b>313</b>	<b>456</b>

### Operational Funding Requirement - Detailed

(Rs Crs)

Particulars	FY16	FY17	FY18	FY19
Revenue (including cash support & ED retention)	36165	38739	41683	44868
Expenditure	35971	38438	41370	44412
Book Loss (+)/Profit(-)	-194	-301	-313	-456
Add: Depreciation	1211	1418	1610	1768
Cash Loss (+)/Profit(-)	-1405	-1719	-1923	-2224
Less: Decrease in Current Assets (excluding cash support)	0	0	0	0
Less: Increase in Current Liabilities (incl. Misc Exp)	92	113	83	97
Add: Increase in Current Assets (excluding cash support)	0	0	0	0
Add: Decrease in Current Liabilities (incl. Misc Exp)	0	0	0	0
Gross Operational Funding Requ (OFR) (Without Government Support)	-1313	-1606	-1840	-2127
Proportion allowed as per FRP scheme	0	0	0	0
Allowed Funding (w/o govt. Support)	0	0	0	0
Less: Support from State Govt. :				
Cash Support from State Govt.	0	0	0	0
Support on Requirement of Losses	0	0	0	0
ED retention	0	0	0	0
interest Subsidy on IBRD Loan	0	0	0	0
Total Support from state govt.	0	0	0	0
Gross Operational Funding Required (OFR) (After Govt. Support)	0	0	0	0

### ACS- ARR Gap

Amount in Rs. Crore	FY16	FY17	FY18	FY19
Cost Components				
power purchase cost	31761	33443	35756	38235
cost of energy lost	6854	6980	7213	7449
PP per Unit sold	4.88	4.77	4.75	4.72
O&M and Estt Cost	1949	2134	2336	2558
Depreciation Cost	1211	1418	1610	1768
Interest Cost	777	1114	1434	1660
Other Debits	273	329	234	191
ACS	5.52	5.49	5.49	5.48
ARR	5.55	5.53	5.53	5.54

**Note : Actually there is no gap.**



**Detailed Action Plan for implementation of targeted activities**

Clause No.	Activity	unit	status at the end of FY14-15	FY15-16		FY16-17		FY17-18		FY18-19		Officer responsible	resources in INR crore
				H1	H2	H1	H2	H1	H2	H1	H2		
1.3 (b)	AT&C loss reduction trajectory	%	14.64%	14.50		14.00		13.50		13.00		Chief Engineer	
1.3 (f-v)	11 KV Feeder metering functional	%	100%									Chief Engineer	
1.3 (f-iv)	DT Metering in Rural area	%	64%	76%		90%		100%				Chief Engineer	72
	DT Metering in Urban area	%	82%	92%		100%		100%				Chief Engineer	258.38
1.3 (f-vi)	11 KV feeder audit in Rural , area	%	100%									Chief Engineer	
1.3 (f-vii)	Feeder Improvement Program on Feeders	%	70%	85%		100%						Chief Engineer	
1.3 (f-viii)	feeder separation(separation of ag load) on feeders	%	100%									Chief Engineer	

Clause No.	Activity	unit	status at the end of FY 15	FY15-16		FY16-17		FY17-18		FY18-19		Officer responsible	resources in INR crore
				H1	H2	H1	H2	H1	H2	H1	H2		
1.3 (f-ix)	Installation of Smart meters/ other than Ag.	%	0	247583		247583		632581		632581		Chief Engineer	750
1.3 (f-x)	Domestic connections (in lakhs) under 24X7 PFA <sup>1</sup>	nos.	11134353	339154		349720		360651		371958		Chief Engineer	
1.3 (f-xi)	Implementation of ERP System		Implemented	regular updation		regular updation		regular updation		regular updation		Chief Engineer	400
1.3 (g-i)	Providing LED bulbs under DELP	Nos. in lacs	0	25		76		76		78		Chief Engineer	

<sup>1</sup> The Domestic connections shown under Implementation Schedule are the projections for new household connections arising out of new constructions which would be provided by DISCOMs in future. At present in Gujarat State there are no un-connected households.