



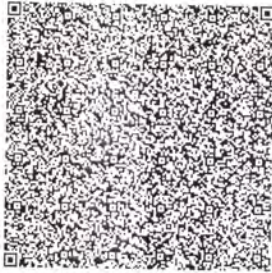
सत्यमेव जयते

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e-Stamp

Certificate No.	: IN-DL36252258300024P
Certificate Issued Date	: 09-Jan-2017 10:20 AM
Account Reference	: IMPACC (IV)/ dl717303/ DELHI/ DL-DLH
Unique Doc. Reference	: SUBIN-DL71730372943255662769P
Purchased by	: TAMIL NADU GENERATION AND DISTRIBUTION CORP LTD
Description of Document	: Article 5 General Agreement
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: TAMIL NADU GENERATION AND DISTRIBUTION CORP LTD
Second Party	: GOVT OF TAMIL NADU AND OTHERS
Stamp Duty Paid By	: TAMIL NADU GENERATION AND DISTRIBUTION CORP LTD
Stamp Duty Amount(Rs.)	: 150 (One Hundred And Fifty only)



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This e-Stamp forms an integral part of the Tripartite Memorandum of Understanding dated 9th January, 2017 executed amongst Ministry of Power, Government of India, Government of Tamil Nadu and Tamil Nadu Generation and Distribution Corp Ltd.

Statutory Alert:

1. The authenticity of this Stamp Certificate should be verified at 'www.shreestamp.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 UNDERTANDING
AMONGST
Ministry of Power, Government of India
AND
Government of Tamil Nadu
AND
Tamil Nadu Generation and Distribution Corporation
Limited**

**For achieving turnaround of Tamil Nadu Generation and Distribution
Corporation Limited.**

This **TRIPARTITE MEMORANDUM OF UNDERSTANDING** (hereinafter referred to as the “Tripartite MOU” is made this 9th day of January, 2017.

BY AND AMONGST

Ministry of Power, Government of India, having its Office at Rafi Marg, Sansad Marg Area, New Delhi – 110001 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 Tamil Nadu (hereinafter referred to as “Government of Tamil Nadu”) which expression shall unless it be repugnant to the subject or context thereof, include its successors and assigns, of the **SECOND PART**

AND

Tamil Nadu Generation and Distribution Corporation Limited (herein after referred as to “TANGEDCO”) which expression shall unless repugnant to the context or meaning thereof include its successors and assigns) of the **THIRD PART**

The Government of India, the Government of Tamil Nadu, and the TANGEDCO is hereinafter also referred to collectively as the “**Parties**” and individually as the “**Party**”

Definitions:

“**Effective Date**” means the date of signing of the MOU

“**Cut-off-Date**” means 30th Sept.2015

“**TANGEDCO**” means **Tamil Nadu Generation and Distribution Corporation Ltd**

“**Bonds**” means the bonds issued by the State Government of Tamil Nadu and TANGEDCO under the Central FRP Scheme 2012 and UDAY.

“**Outstanding Debt**” means the debt of the TANGEDCO including Bonds and capex as well as short term loans of Banks and FIs.

Preamble:

TANGEDCO is an integrated utility carrying out Generation and Distribution functions. TANGEDCO has the revenue deficit of Rs. 13985 Crore during FY 2013-14, Rs. 12757 Crore in FY 2014-15 and Rs. 5787 crores in 2015-16. The accumulated losses have reached to the level of Rs. 55,821 Crore as on 31st March, 2016. The ARR is insufficient to meet the ACS, with a cost recovery of only 90% of ACS. The outstanding debt of the TANGEDCO (Generation and Distribution related loans) has reached Rs. 81,312 Crore at the end of Sept.2015, (including GoTN loan of Rs.6223 crore and R-APDRP Loan of Rs. 1150 Crores).

The Government of India, Government of Tamil Nadu and the Tamil Nadu Generation and Distribution Corporation Limited, have entered into a tripartite MOU in order to improve the operational and financial efficiency of the Tamil Nadu Generation and Distribution Corporation Limited to enable financial turnaround of the Tamil Nadu DISCOM.

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

1. Obligations / Commitments:

1.1 The Government of India to take following measures:

- a) Facilitating Government of Tamil Nadu to take over 75% of a portion of outstanding DISCOM debt of the TANGEDCO as on 30 September 2015 during 2016-17 itself.
- b) Facilitating Banks / FIs not to levy any prepayment charge on the TANGEDCO debt of Rs.30420 cr. covered under this MoU. Banks / FIs shall waive off any unpaid overdue interest and penal interest on the TANGEDCO debt and refund / adjust any such overdue / penal interest paid since 1st October 2013 on Rs.30420 cr. covered under UDAY. 25% of TANGEDCO debt of Rs.30420 cr. as on 30th September 2015, as reduced by any waivers by Banks / FIs shall be converted by the Banks / FIs into loans or bonds with interest rate not more than the bank's base rate plus 0.1%. Alternatively, this debt may be fully or partly issued by the TANGEDCO as State guaranteed DISCOM bonds at the prevailing market rates which shall be equal to or less than bank base rate plus 0.1%.
- c) Facilitating Banks / FIs to lend to TANGEDCO upto 25% of previous year annual revenue for working capital or as per prudential norms.
- d) Facilitating through Ministry of Coal, increase in supply of domestic coal to Tamil Nadu Generation and Distribution Corporation Limited.
- e) Ensuring rationalization of coal linkages.
- f) Liberally allowing coal swaps from inefficient plants to efficient plants and from plant situated away from mines to pithead plants;
- g) Rationalizing coal prices based on Gross Calorific Value (GCV);
- h) Ensuring correction of coal grade slippages through re-assessment of each mine;
- i) Directing Coal India to supply 100% washed coal for G10 Grade and above by 1st October 2018.

- j) Ensuring supply of 100% crushed coal from Coal India by 1st April 2017.
- k) Faster completion of ISTN lines:
- l) 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 Tamil Nadu to take the following measures:

- a) Taking over 75% of Rs.30420 crores being a portion of DISCOM debt (excluding R-APDRP loans) of the Tamil Nadu Generation and Distribution Corporation Limited as on 30 Sept 2015.
- b) The 75% of portion of DISCOM debt as on 30 September 2015 i.e. Rs.22,815 crores shall be taken over during 2016-17 itself i.e. before the end of March, 2017.
- c) The Borrowings made by the state to takeover debt during 2016-17 shall be utilized by Government of Tamil Nadu solely for the purpose of discharging the TANGEDCO debt and transfer as a mix of grant and interest free loan as described in the following table:.

(Rs. in Crore)					
Year	Total Debt taken over	Transfer to the TANGEDCO in the form of Grants	Transfer to the TANGEDCO in the form of Interest free Loan	Transfer to the TANGEDCO in the form of Equity	Outstanding State Loan of TANGEDCO
2016-17	75% of a portion of debt i.e. Rs. 22815 Crores	4563	18252	-	18252
2017-18		4563	-	-	13689
2018-19		4563			9126
2019-20		4563			4563
2020-21		4563			-

- d) For the borrowings made by the state to takeover TANGEDCO debt, Government of Tamil Nadu shall take prior permission of Department of Expenditure, Ministry of Finance under Article 293 of the Constitution of India before approaching Reserve Bank of India to raise loans.

- e) The borrowings made by the state to take over TANGEDCO debt during 2016-17 shall not be reckoned against the normal permissible net borrowings ceiling of the state determined by department of Expenditure, Ministry of Finance under the recommendations of 14th Finance Commission. However any borrowings made by the state after 31/03/2017 to takeover TANGEDCO debt shall be reckoned as part of the Net Borrowings ceiling of the state.
- f) The Government of Tamil Nadu shall issue non-SLR bonds (including SDL bonds) in the market or directly to Banks / FIs holding the DISCOM debt, to raise funds for providing grant / interest free loan to the TANGEDCO.
- g) The takeover of the debt shall be in the order of debt already due, followed by debt with highest cost:
- h) Takeover of future losses by the Government of Tamil Nadu and financing of DISCOM losses shall be regulated in accordance with Clause Nos. 8.1, 8.2 and 8.3 of Office Memorandum dated 20.11.2015.
- i) All outstanding dues from the State Government departments to TANGEDCO for supply of electricity shall be paid by 31.03.2017.
- j) Government of Tamil Nadu shall guarantee repayment of principal and interest for the 25% of debt remaining with TANGEDCO / bonds issued by TANGEDCO.
- k) Replacement of street lights with LEDs in all municipal towns through Local bodies / Municipal Corporations.
- l) Improving efficiency of TANGEDCO's own Generating Units.
- m) Government of Tamil Nadu shall endeavour to ensure that tariff hikes as reflected in Annexure-B are undertaken. However, if TANGEDCO turnaround earlier, the tariff hike proposed would not arise.
- n) Government of Tamil Nadu will endeavour to ensure that all operational targets as enumerated in Section 1.3 are achieved.
- o) Government of Tamil Nadu will endeavour to reduce the transmission losses from 4.11 % to 3.89% by 2019-20.
- p) Review of TANGEDCO performance shall be done on monthly basis at State Government level in the presence of State finance representative.

1.3 The Tamil Nadu Generation and Distribution Corporation Limited to take the following measures:

- a) For the 25% of the debt (Rs.7605 cr.) remaining with TANGEDCO as on 30th September, 2015, DISCOM to fully/partially issue state Government guaranteed bonds or get them converted by Banks/FIs into loans or bonds with interest not more than the Banks base rate plus 0.1%. TANGEDCO to ensure timely payment of lender's dues towards principal/interest for the balance debt remaining with them.
- b) The TANGEDCO shall endeavour to reduce AT&C losses from 14.58% in FY 2015-16 to 13.50% by FY 2018-19 as per the following trajectory:

Year	FY 2015-16	2016-17	2017-18	2018-19
AT&C Loss	14.58%	14.06%	13.79%	13.50%

However, if the target in a particular year is not met, then the TANGEDCO shall strive to achieve the targets in the subsequent years so as to achieve the desired target of 13.50% AT&C losses by FY 2018-19. The Division wise targets have been finalized as indicated in Annexure- A.

- c) TANGEDCO is already providing 100% power supply throughout the state and will endeavour to reduce AT&C losses.
- d) The TANGEDCO shall eliminate the gap between ACS and ARR by FY 2018-19. Detailed computation of year wise ACS-ARR gap along with financial projections has been attached as Annexure-B.
- e) TANGEDCO shall submit the detailed action plan by 28th February, 2017 to achieve the projected trajectory for AT&C loss and ACS-ARR gap.
- f) The TANGEDCO shall achieve operational milestones as specified in DDUGJY & IPDS:
- g) The TANGEDCO 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-divisions / divisions / 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.

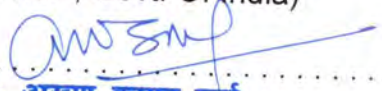
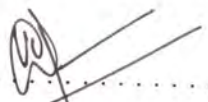
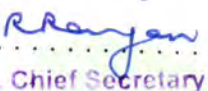

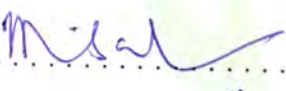

- iii) Implementing performance monitoring and management system MIS for tracking the meter replacement, loss reduction and day to day progress for reporting to top management.
 - iv) Achieving 100% Distribution Transformer (DT) Metering by 30th June, 2018.
 - v) Achieving 100% feeder metering by 30th June, 2017
 - vi) Undertaking energy audit up-to 11 KV level in rural areas by 31st March, 2019.
 - vii) Undertaking Feeder Improvement Program for network strengthening and optimization, to be completed by December, 2018
 - viii) Undertaking Physical Feeder Segregation by December, 2019
 - ix) Installation of Smart Meters for all consumers (other than agricultural consumers) consuming above 500 units / month by 31st December, 2018 and consumers consuming above 200 units/ month by 31st December, 2019
 - x) TANGEDCO is already providing electricity access to all households as envisaged in the 24x7 Power For All document. TANGEDCO is also providing 100 units free power to all domestic consumers.
 - xi) Implementing ERP system for better and effective inventory management, personnel management, accounts management etc. to reduce costs and increase efficiencies by March, 2019.
 - xii) Implementing Consumer Indexing and GIS mapping of Losses.
- h) The TANGEDCO shall undertake the following measures for Demand Side Management and Energy Efficiency:
- i) TANGEDCO is providing sales counter to EESL for selling LED to domestic and other category consumers under DELP program:
 - ii) Undertaking consumer awareness programs for optimum utilization of resources and to foster long term behavioural changes:
 - iii) Replacing at least 10% of existing agriculture pumps with energy efficient pumps by March, 2019.
 - iv) Implementing PAT scheme of BEE for improving energy efficiency in Industries.

- i) The TANGEDCO shall undertake the following tariff measures:
 - i) Timely filing of Tariff Petition before November so that Tariff Order may be issued for the year as early as possible.
 - ii) Timely preparation of annual accounts of the TANGEDCO which shall also enable timely filing of the Tariff Petition.
- j) The TANGEDCO 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 metering / billing / collection efficiency. The performance of officer in-charge shall be linked to KPIs achieved and will attract incentive / penalty.
- k) The TANGEDCO shall continue to implement the following Consumer Service Strategy:
 - i) Setting up of Centralized Customer Call Centre for timely resolution of complaints related to no current and other technical complaints, harassment by official, reporting of theft and safety related complaints; As TANGEDCO has already setup such centres in major districts, the same shall be extended further through out the state;
 - 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, e-wallets, etc.
- l) The TANGEDCO shall continue to procure power through the transparent process of competitive bidding.
- m) Lender wise details of debt, separately for 75% and 25% duly reconciled with concerned Banks and FIs is shown in Annexure-D
- n) TANGEDCO shall identify the key personnel for implementing the scheme (UDAY)
- o) TANGEDCO shall devise the mechanism to motivate and encourage the staff.

- p) CMD of TANGEDCO shall monitor the performance of TANGEDCO on monthly basis.
- q) Monthly monitoring formats along with the targets shall be provided by TANGEDCO by 31st March 2017.
- r) It is hereby agreed that any party can put up the Memorandum of Understanding in any public platform.

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 ..  ..</p> <p>डा. अरुण कुमार वर्मा Dr. ARUN KUMAR VERMA संयुक्त सचिव / Joint Secretary विद्युत मंत्रालय / Ministry of Power भारत सरकार / Government of India नई दिल्ली-110001 / New Delhi-110001</p> <p>Name & Designation Dr. A.K. Verma, Joint Secretary, Ministry of Power</p> <p>Address Shram Shakti Bhawan, Sansad Marg, Rafi Marg, New Delhi</p>	<p>In the presence of</p> <p>Signature</p> <p>Name & Designation ..  ..</p> <p>VISHAL KAPOOR, DIRECTOR (DISTRIBUTION)</p> <p>Address MINISTRY OF POWER</p>
<p>SIGNED AND DELIVERED BY (on behalf of Govt. Of Tamil Nadu)</p> <p>Signature ..  ..</p> <p>Addl. Chief Secretary to Govt. Energy Department Secretariat, Chennai-9</p> <p>Name & Designation: Rajeev Ranjan. Additional Chief Secretary / Energy Department Government of Tamil Nadu Address : .St. George Fort, Chennai-9</p>	<p>In the presence of</p> <p>Signature ..  ..</p> <p>Name & Designation . S. ARULSAMY</p> <p>DIRECTOR/FINANCE</p> <p>Address Tamil Nadu Generation and Distribution Corporation Ltd., 144, Anna Salai, Chennai - 600 002.</p>
<p>SIGNED AND DELIVERED BY (on behalf of Tamil Nadu Generation & Distribution Company Limited)</p> <p>Signature ..  ..</p> <p>CMD / TANGEDCO</p> <p>Name & Designation Dr. M. Sai Kumar Principal Secretary / Chairman cum Managing Director, TANGEDCO Address: .144, Anna Salai, NPKRR Maaligai, Chennai – 2.</p>	<p>In the presence of</p> <p>Signature ..  ..</p> <p>Name & Designation</p> <p>K: SUNDARAVADHANAM, B.Sc., A.G.A., A.C.S., Chief Financial Controller / General, Address TANGEDCO, 144, Anna Salai, Chennai-600 002.</p>

Details of division level AT&C loss for the year 2015-16 and trajectory upto 2018-19						
S.No.	CIRCLE	DIVISION	2015-16	2016-17	2017-18	2018-19
1	CHENNAI CENTRAL	T-NAGAR	13.73	13.63	13.02	11.91
2	CHENNAI CENTRAL	ANNA SALAI	13.66	13.57	12.96	11.86
3	CHENNAI CENTRAL	MYLAPORE	13.73	13.63	13.02	11.91
4	CHENNAI CENTRAL	EGMORE	13.41	13.32	12.72	11.64
5	CHENNAI NORTH	PERAMBUR	13.97	13.87	13.25	12.12
6	CHENNAI NORTH	VYASARPADI	13.83	13.74	13.12	12.01
7	CHENNAI NORTH	TONDIARPET	13.97	13.88	13.26	12.13
8	CHENNAI NORTH	PONNERI	14.83	14.73	14.57	13.33
9	CHENNAI WEST	ANNA NAGAR	13.71	13.61	13.50	12.35
10	CHENNAI WEST	AMBATTUR	13.75	13.66	13.54	12.39
11	CHENNAI WEST	AVADI	15.15	15.05	14.87	13.61
12	CHENGALPATTU	CHENGALPATTU	15.16	15.06	14.88	13.61
13	CHENGALPATTU	MADURANTHAGAM	15.46	15.36	15.17	14.88
14	CHENGALPATTU	SRIPERUMBUDUR	14.94	14.83	14.67	14.42
15	CHENGALPATTU	MARAIMALAINAGAR	15.44	15.34	15.15	14.86
16	CHENNAI SOUTH I	K.K NAGAR	13.59	13.50	13.39	13.25
17	CHENNAI SOUTH I	GUINDY	13.55	13.45	13.35	13.22
18	CHENNAI SOUTH I	PORUR	14.36	14.26	14.12	13.92
19	CHENNAI SOUTH II	ADYAR	13.65	13.56	13.45	13.31
20	CHENNAI SOUTH II	IT CORRIDOR	13.60	13.51	13.40	12.26
21	CHENNAI SOUTH II	TAMBARAM	15.55	15.45	15.25	13.96
22	KANCHI	NORTH KANCHI	16.23	16.11	14.89	14.63
23	KANCHI	SOUTH KANCHI	16.14	16.03	14.81	14.55
24	KANCHI	TIRUTTANI	16.40	16.29	15.06	14.78
25	KANCHI	TIRUVALLUR	15.25	15.15	14.97	13.70
26	UDUMALPET	ANGALAKURICHI	15.33	15.23	14.05	12.85
27	UDUMALPET	DHARAPURAM	15.65	15.54	14.34	13.12
28	UDUMALPET	POLLACHI	14.82	13.72	12.60	12.53
29	UDUMALPET	UDUMALPET	14.68	14.58	13.43	13.29
30	NILGIRIS	OOTY	14.60	13.50	12.40	11.34
31	NILGIRIS	COONOR	15.76	14.65	13.50	12.35
32	COIMBATORE NORTH	S.N.PALAYAM	14.90	14.80	14.63	13.39
33	COIMBATORE NORTH	K.VADAMADURAI	15.35	15.25	15.06	14.78
34	COIMBATORE NORTH	METTUPALAYAM	15.42	15.31	14.12	13.92
35	TIRUPUR	TIRUPPUR	14.71	14.61	14.46	14.23
36	TIRUPUR	PALLADAM	15.33	15.23	14.05	13.85
37	TIRUPUR	AVINASHI	15.44	15.34	14.15	13.95
38	TIRUPUR	KANGAYAM	15.17	15.06	13.89	13.71
39	COIMBATORE SOUTH	NEGAMAM	15.32	15.21	14.03	13.84
40	COIMBATORE SOUTH	KUNIAMUTHUR	15.33	15.23	14.05	13.85
41	COIMBATORE SOUTH	SOMANUR	15.46	15.35	14.16	13.96
42	COIMBATORE METRO	CBE CENTRAL	13.48	13.38	13.28	13.15

43	COIMBATORE METRO	CBE URBAN	13.34	13.25	13.16	13.04
44	COIMBATORE METRO	ONDIPUDUR	13.65	13.55	13.44	13.30
45	ERODE	SOUTH/ERODE	14.69	14.59	14.43	14.21
46	ERODE	PERUNDURAI	14.37	14.27	14.13	13.93
47	ERODE	URBAN	14.33	14.23	14.09	13.89
48	METTUR	EDAPADY	14.76	14.66	14.50	14.26
49	METTUR	METTUR	15.04	14.94	14.77	14.51
50	METTUR	OMALUR	15.28	15.18	16.00	15.64
51	METTUR	SANKARI	16.35	16.24	15.01	14.73
52	NAMAKKAL	THIRUCHENGODE	16.10	15.99	14.77	14.52
53	NAMAKKAL	NAMAKKAL	16.15	16.04	14.82	14.56
54	NAMAKKAL	RASIPURAM	15.64	15.53	14.33	14.12
55	NAMAKKAL	P.VELUR	15.42	15.32	14.13	13.93
56	SALEM	TOWN/SALEM	13.87	14.77	14.61	14.37
57	SALEM	EAST/SALEM	14.22	14.12	13.99	13.80
58	SALEM	WEST/SALEM	14.36	14.26	14.12	13.92
59	SALEM	SOUTH/SALEM	14.60	14.50	14.35	14.13
60	SALEM	VALAPADY	15.23	15.13	14.95	14.68
61	SALEM	ATTUR	14.81	14.71	14.54	14.31
62	GOBI	GOBI	14.47	14.37	14.22	14.02
63	GOBI	BHAVANI	14.53	14.43	14.28	14.07
64	GOBI	SATHY	14.61	14.51	14.36	14.14
65	MADURAI METRO	MADURAI NORTH	13.79	13.69	13.58	13.42
66	MADURAI METRO	MADURAI SOUTH	13.68	13.59	13.48	13.33
67	MADURAI METRO	MADURAI WEST	13.91	13.82	13.70	13.53
68	MADURAI	THIRUMANGALAM	14.60	14.50	14.35	14.13
69	MADURAI	TIRUPPALAI	15.02	14.91	14.74	14.49
70	MADURAI	USILAMPATTY	14.47	14.37	14.22	14.02
71	MADURAI	SAMAYANALLUR	14.36	14.26	14.12	13.92
72	DINDIGUL	DINDIGUL NORTH	14.87	14.77	14.60	14.36
73	DINDIGUL	DINDIGUL SOUTH	14.76	14.66	14.50	14.27
74	DINDIGUL	OTTANCHATHRAM	14.33	14.24	14.10	13.90
75	DINDIGUL	VATHALAGUNDU	15.21	15.10	14.93	14.66
76	DINDIGUL	PALANI	14.90	14.80	14.64	14.39
77	THENI	THENI	14.98	14.87	14.71	14.46
78	THENI	PERIYAKULAM	15.08	13.98	13.85	13.67
79	THENI	CHINNAMANUR	14.46	13.36	13.26	13.13
80	SIVAGANGA	SIVAGANGAI	14.65	13.55	13.44	13.30
81	SIVAGANGA	KARAIKUDI	14.97	13.87	13.74	13.57
82	SIVAGANGA	MANAMADURAI	14.54	13.44	13.34	13.20
83	SIVAGANGA	THIRUPPATHUR	14.44	13.34	13.24	13.12
84	RAMNAD	PARAMAKUDI	14.68	13.58	13.47	13.33
85	RAMNAD	RAMANAD	15.48	14.38	14.23	14.02
86	KANYAKUMARI	THUCKALAY	14.34	13.25	13.15	13.03
87	KANYAKUMARI	KUZHUTHURAI	14.53	13.43	13.33	13.20
88	KANYAKUMARI	NAGERCOIL	14.47	13.37	13.27	13.14
89	TIRUNELVELI	VALLIYOOR	14.44	13.34	13.24	13.12

90	TIRUNELVELI	KALLIDAIKURICHI	15.25	14.15	14.01	13.82
91	TIRUNELVELI	KADAYANALLUR	15.16	14.06	13.93	13.74
92	TIRUNELVELI	THENKASI	15.06	13.95	13.83	13.65
93	TIRUNELVELI	TIRUNELVELI RURAL	14.61	13.51	13.40	13.27
94	TIRUNELVELI	SANKARANKOIL	14.47	13.37	13.27	13.14
95	TIRUNELVELI	TIRUNELVELI URBAN	13.99	12.89	12.81	12.72
96	TUTICORIN	TUTICORIN URBAN	14.07	12.97	12.89	12.79
97	TUTICORIN	TUTICORIN RURAL	14.58	13.48	13.38	13.24
98	TUTICORIN	KOVILPATTI	14.33	13.24	13.14	13.03
99	TUTICORIN	TIRUCHENTHUR	14.58	13.48	13.37	13.23
100	VIRUDHUNAGAR	RAJAPALAYAM	14.82	13.72	13.61	13.45
101	VIRUDHUNAGAR	SIVAKASI	14.29	13.19	13.10	12.99
102	VIRUDHUNAGAR	SRIVILLIPUTHUR	14.37	14.27	14.13	13.93
103	VIRUDHUNAGAR	VIRUTHUNAGAR	14.25	12.15	12.10	12.07
104	VIRUDHUNAGAR	ARUPPUKOTTAI	14.38	12.28	12.23	12.19
105	KARUR	KARUR RURAL	14.51	12.41	12.36	12.31
106	KARUR	KULITHALAI	14.44	12.34	12.29	12.24
107	KARUR	KARUR	14.44	12.34	12.29	12.24
108	NAGAI	SIRKALI	14.37	12.27	12.22	12.18
109	NAGAI	MAYILADUTHURAI	14.40	12.30	12.25	12.21
110	NAGAI	NAGAPATTINAM	14.90	12.79	12.72	12.64
111	PERAMBALUR	PERAMBALUR	14.36	12.26	12.21	12.17
112	PERAMBALUR	ARIYALUR	14.42	12.32	12.26	12.22
113	PUDUKOTTAI	PUTHUKOTTAI	14.29	12.19	12.14	12.11
114	PUDUKOTTAI	ARANTHANGI	14.45	12.35	12.30	12.25
115	PUDUKOTTAI	KEERANUR	14.36	12.26	12.21	12.17
116	PUDUKOTTAI	THIRUMAYAM	14.41	12.31	12.25	12.21
117	THANJAVUR	THANJAVUR URBAN	14.09	12.00	11.96	11.94
118	THANJAVUR	THANJAVUR	14.58	12.48	12.42	12.37
119	THANJAVUR	KUMBAKONAM	13.99	11.89	11.86	11.85
120	THANJAVUR	KUMBAKONAM NORTH	14.32	12.22	12.17	12.14
121	THANJAVUR	ORATHANADU	14.51	12.41	12.36	12.31
122	THANJAVUR	PATTUKOTTAI	14.44	12.34	12.29	12.24
123	TRICHY METRO	TIRUCHY URBAN	12.98	10.89	10.90	9.98
124	TRICHY METRO	TIRUCHY EAST	14.02	13.93	13.80	13.63
125	TRICHY METRO	SRIRANGAM	14.11	14.02	13.89	13.71
126	TRICHY METRO	MANAPPARAI	14.41	14.31	14.16	13.96
127	TRICHY METRO	LALGUDI	14.50	14.41	14.26	14.05
128	TRICHY METRO	THURAIYUR	14.63	14.53	14.38	14.15
129	TRICHY METRO	MUSIRI	14.45	14.35	14.21	14.00
130	TIRUVARUR	THIRUVARUR	14.18	13.09	13.00	12.89
131	TIRUVARUR	MANNARGUDI	14.47	13.37	13.27	13.14
132	VELLORE	VELLORE	14.04	12.95	12.86	12.77
133	VELLORE	KATPADI	14.08	13.98	13.85	13.68
134	VELLORE	ARCOT	14.43	14.33	14.19	13.98
135	VELLORE	RANIPET	14.25	14.15	14.01	13.82
136	VELLORE	SHOLINGHUR	14.63	14.53	14.38	14.15

137	VELLORE	ARAKKONAM	14.37	14.27	14.13	13.93
138	DHARMAPURI	DHARMAPURI	14.64	14.54	14.38	14.16
139	DHARMAPURI	PALACODE	14.44	14.34	14.20	13.99
140	DHARMAPURI	HARUR	14.51	14.41	14.27	14.05
141	DHARMAPURI	KADATHUR	14.66	14.56	14.41	14.19
142	KRISHNAGIRI	KRISHNAGIRI	14.16	14.06	13.93	13.74
143	KRISHNAGIRI	HOSUR	14.11	14.02	13.89	13.71
144	KRISHNAGIRI	POCHAMPALLI	14.40	14.30	14.16	13.95
145	TIRUPATTUR	THIRUPATHUR	14.35	14.25	14.11	13.91
146	TIRUPATTUR	VANIYAMBADI	14.17	14.08	13.95	13.76
147	TIRUPATTUR	GUDIYATHAM	14.33	14.24	14.10	13.90
148	TIRUPATTUR	PALLIKONDA	14.32	14.23	14.09	13.89
149	CUDDALORE	CUDDALORE	14.81	14.71	14.54	14.31
150	CUDDALORE	NELLIKUPPAM	14.81	14.71	14.54	14.31
151	CUDDALORE	PANRUTI	14.38	14.28	14.14	13.94
152	CUDDALORE	KURINJIPADI	14.78	14.68	14.52	14.29
153	CUDDALORE	CHITHAMBARAM	13.99	13.89	13.77	13.60
154	CUDDALORE	VIRUTHACHALAM	14.72	14.62	14.46	14.23
155	TIRUVANNAMALAI	ARANI	14.71	14.61	14.45	14.22
156	TIRUVANNAMALAI	CHENGAM	14.58	14.48	14.33	14.11
157	TIRUVANNAMALAI	CHETPET	14.45	14.35	14.20	14.00
158	TIRUVANNAMALAI	CHEYYAR	14.24	14.15	14.01	13.82
159	TIRUVANNAMALAI	THIRUVANNAMALAI EAST	14.71	14.61	14.45	14.22
160	TIRUVANNAMALAI	POLUR	14.03	13.93	13.81	13.63
161	TIRUVANNAMALAI	VANDAVASI	14.13	14.03	13.90	13.72
162	TIRUVANNAMALAI	THIRUVANNAMALAI WEST	14.82	14.72	14.56	14.32
163	VILLUPURAM	VILLUPURAM	14.95	14.85	14.68	14.43
164	VILLUPURAM	KANDAMANGALAM	14.69	14.59	14.43	14.21
165	VILLUPURAM	GINGEE	14.61	14.51	14.36	14.14
166	VILLUPURAM	THINDIVANAM	14.90	14.79	14.63	14.39
167	KALLAKURICHI	KALLAKURICHI	14.25	14.16	14.02	13.83
168	KALLAKURICHI	THIRUKOILUR	14.44	14.34	14.20	13.99
169	KALLAKURICHI	SANKRAPURAM	14.17	14.07	13.94	13.76
170	KALLAKURICHI	ULUNDURPET	13.76	13.67	13.55	13.40
AVERAGE AT&C LOSSES			14.58	14.06	13.79	13.50

Other Key Assumptions:

• **Tariff Hike :**

FY 15	FY 16	FY 17	FY 18	FY 19
15%	0%	0%	0%	6%

• **AT & C Loss Trajectory :**

	FY 16	FY 17	FY 18	FY 19
	14.58%	14.06%	13.79%	13.50%

• **Billing Efficiency :**

	FY 16	FY 17	FY 18	FY 19
	100%	100%	100%	100%

• **Collection Efficiency :**

	FY 16	FY 17	FY 18	FY 19
	99.76%	99.96%	99.94%	99.87%

TANGEDCO

Income Statement Summary:

Amount in Rs (Crore)	FY 16	FY 17	FY 18	FY 19
Total Income	42010.29	44542.69	47479.08	53752.01
Total costs	55492.20	57640.61	57495.38	60932.48
Net Income (without subsidy)	-13481.91	-13097.93	-10016.30	-7180.47
Committed State Govt. Subsidy.	7695.10	11007.38	9435.73	8032.17
Net Income (with subsidy)	-5786.81	-2090.55	-580.57	851.69

Operational Funding Requirement (OFR) – Summary.

Amount in Rs (Crore)	FY 16	FY 17	FY 18	FY 19
OFR	-4819	-1936	-659	3233

TANGEDCO
INCOME STATEMENT

Rs. in Crore

Amount (Rs. in Crore)	FY 16	FY 17	FY 18	FY 19
INCOME				
Revenue from Sale of power	40734.90	43070.12	45777.65	51757.62
Other receipts	780.85	819.89	860.89	903.93
Other Income (Including revenue from Trading)	494.54	519.27	597.16	656.87
TOTAL INCOME	42010.29	44409.28	47235.70	53318.42
COSTS				
Power purchase cost	40309.70	40048.36	43044.95	46507.22
R&M Costs	736.97	838.13	871.66	906.52
Employees costs	5008.70	5580.52	6138.57	6384.11
Administrative & General Cost	381.73	333.19	346.52	360.38
Depreciation	1608.21	1758.86	1829.21	1902.38
Interest & Finance costs	8753.17	9066.15	5247.47	4852.42
Other Debits	-1306.28	15.41	17.00	19.45
Sub-total costs	55492.20	57640.61	57495.38	60932.48
Less : Incidental Expenses	0.00	0.00	0.00	0.00
TOTAL COSTS	55492.20	57640.61	57495.38	60932.48
NET INCOME w/o Subsidy	-13481.91	-13231.33	-10259.68	-7614.06
Committed State Govt. Subsidy	1000.00	2000.00	2343.49	0.00
Electricity Duty Retention/Stamp Duty	0.00	0.00	0.00	0.00
Interest Subsidy on IBRD Loan	0.00	0.00	0.00	0.00
Cash Subsidy	6695.10	9007.38	7071.45	7984.67
Other (compounding Charges)	0.00	0.00	0.00	0.00
Total subsidy available.	7695.10	11007.38	9414.94	7984.67
NET INCOME With subsidy.	-5786.81	-2223.95	-844.74	370.61

TANGEDCO

Operational Funding Requirement Particulars	(Rs. In Crore)			
	FY 16	FY 17	FY 18	FY 19
Revenue (excluding Cash Support & ED Retention)	42010.29	44542.69	47479.08	53752.01
Expenditure	55492.20	57640.61	57495.38	60932.48
Book Loss /Profit	-	-	-	-
Add : Depreciation	13481.91	13097.93	10016.30	-7180.47
	1608.21	1758.86	1829.21	1902.38
Cash Loss /Profit	-	-	-	-
	11873.70	11339.07	-8187.08	-5278.09
Add : Dec in Current Assets (excluding cash support)	175.00	192.50	211.75	232.93
Add: Inc. In Current Liabilities (incl. Misc. Exp.)	950.00	1045.00	1149.50	1264.45
Less : Inc. In current Assets (excluding cash support.)	650.00	715.00	786.50	865.15
Less : Dec in Current Liabilities (incl. Misc. Exp)	115.00	126.50	139.15	153.07
Gross Operational Funding Required (OFR) (Without Government Support)	-	-	-	-
	11513.70	10943.07	-7751.48	-4798.93
Proportion allowed as per FRP Scheme	0.00	0.00	0.00	0.00
Allowed funding (Without Government Support)	-	-	-	-
	11513.70	10943.07	-7751.48	-4798.93
Less : Support from State Govt.				
Cash Support from State Govt.	6695.10	9007.38	7092.24	8032.17
Support on Reimbursement of Losses	0.00	0.00	0.00	0.00
ED Retention	0.00	0.00	0.00	0.00
Interest Subsidy on IBRD Loan	0.00	0.00	0.00	0.00
Total Supprt from State Govt.	6695.10	9007.38	7092.24	8032.17
Gross Operational Funding Required (OFR) (After Government Support).	-4818.60	-1935.69	-659.24	3233.24

TANGEDCO

ACS – ARR Gap

(Rs per
KWH)

Cost Components	FY 16	FY 17	FY 18	FY 19
Power Purchase Cost	4.17	3.92	3.99	4.07
Cost of Energy Lost	0.91	0.83	0.83	0.82
PP per unit sold	5.07	4.75	4.82	4.89
O&M and Estt Cost	0.63	0.66	0.68	0.67
Depreciation cost	0.17	0.17	0.17	0.17
Interest Cost	0.90	0.89	0.49	0.42
Other Debits	-0.14	0.00	0.00	0.00
ACS	5.74	5.64	5.33	5.34
ARR	5.14	5.44	5.27	5.41
Gap	-0.60	-0.20	-0.05	0.07

Annexure - D

Loan outstanding as on 30.09.2015

Sl. No	Name of the Institutions	Bank/FI	Amount (Rs.in Cr.)	Rate of Interest	Due or not Due
75% Loans to be taken over by GoTN					
1	REC	FI	5.23	13.38%	Not Due
2	REC	FI	6.55	13.28%	- do -
3	REC	FI	4.58	13.10%	- do -
4	REC	FI	5.52	13.05%	- do -
5	REC	FI	1.49	12.85%	- do -
6	REC	FI	0.87	12.82%	- do -
7	City Union Bank Ltd	Bank	21.88	12.75%	- do -
8	PFC	FI	0.47	12.75%	- do -
9	PFC	FI	5.68	12.75%	- do -
10	PFC	FI	4.19	12.75%	- do -
11	PFC	FI	1.44	12.75%	- do -
12	PFC	FI	2.03	12.75%	- do -
13	PFC	FI	3.27	12.75%	- do -
14	PFC	FI	32.67	12.75%	- do -
15	PFC	FI	1.90	12.75%	- do -
16	PFC	FI	4.32	12.75%	- do -
17	PFC	FI	4.32	12.75%	- do -
18	PFC	FI	1.24	12.75%	- do -
19	PFC	FI	2.37	12.75%	- do -
20	PFC	FI	3.51	12.75%	- do -
21	PFC	FI	7.49	12.75%	- do -
22	PFC	FI	4.76	12.75%	- do -
23	REC	FI	6.65	12.71%	- do -
24	PFC	FI	950.96	12.63%	- do -
25	PFC	FI	3254.02	12.62%	- do -
26	The Federal Bank	Bank	75.00	12.60%	- do -
27	REC	FI	0.62	12.55%	- do -

28	REC	FI	7.16	12.50%	- do -
29	REC	FI	258.23	12.50%	- do -
30	REC	FI	0.27	12.50%	- do -
31	Corporation Bank	Bank	348.33	12.50%	- do -
32	Catholic Syrian Bank	Bank	38.75	12.50%	- do -
33	Karur Vysya Bank	Bank	125.00	12.50%	- do -
34	Punjab & Sind Bank	Bank	225.00	12.50%	- do -
35	Punjab National Bank	Bank	75.00	12.50%	- do -
36	Punjab National Bank	Bank	375.00	12.50%	- do -
37	State Bank of India	Bank	865.00	12.50%	- do -
38	PTC India Financial Services Ltd	FI	250.00	12.50%	- do -
39	HUDCO	FI	383.93	12.50%	- due -
40	PFC	FI	7.10	12.50%	- Not due -
41	PFC	FI	8.59	12.50%	- do -
42	PFC	FI	6.87	12.50%	- do -
43	PFC	FI	2.94	12.50%	- do -
44	PFC	FI	4.36	12.50%	- do -
45	PFC	FI	1.46	12.50%	- do -
46	PFC	FI	3.08	12.50%	- do -
47	PFC	FI	5.63	12.50%	- do -
48	REC	FI	3.23	12.47%	- do -
49	REC	FI	9.02	12.45%	- do -
50	REC	FI	8.88	12.45%	- do -
51	ICICI Bank	Bank	34.06	12.45%	- do -
52	REC	FI	7.12	12.45%	- do -
53	REC	FI	18.37	12.44%	- do -
54	REC	FI	5.96	12.43%	- do -
55	REC	FI	6.66	12.43%	- do -
56	REC	FI	1.88	12.42%	- do -
57	REC	FI	3.85	12.42%	- do -
58	REC	FI	9.44	12.41%	- do -

59	REC	FI	4.59	12.41%	- do -
60	State Bank of Travancore	Bank	112.50	12.40%	- do -
61	REC	FI	8.31	12.40%	- do -
62	REC	FI	2.56	12.40%	- do -
63	REC	FI	16.22	12.39%	- do -
64	REC	FI	3.96	12.38%	- do -
65	PFC	FI	1500.00	12.38%	- do -
66	PFC	FI	2843.00	12.38%	- do -
67	REC	FI	0.98	12.38%	- do -
68	REC	FI	17.76	12.37%	- do -
69	REC	FI	5.06	12.37%	- do -
70	REC	FI	8.40	12.36%	- do -
71	REC	FI	4.65	12.36%	- do -
72	REC	FI	7.12	12.36%	- do -
73	REC	FI	3.31	12.36%	- do -
74	REC	FI	2.12	12.36%	- do -
75	REC	FI	4.89	12.35%	- do -
76	REC	FI	2.73	12.35%	- do -
77	REC	FI	5000.00	12.35%	- do -
78	REC	FI	1.23	12.35%	- do -
79	REC	FI	3.27	12.34%	- do -
80	REC	FI	8.79	12.34%	- do -
81	REC	FI	6.41	12.33%	- do -
82	REC	FI	0.69	12.33%	- do -
83	REC	FI	11.93	12.32%	- do -
84	REC	FI	17.43	12.32%	- do -
85	REC	FI	1.03	12.31%	- do -
86	REC	FI	13.42	12.31%	- do -
87	REC	FI	4.91	12.31%	- do -
88	REC	FI	7.41	12.31%	- do -
89	REC	FI	0.56	12.31%	- do -
90	REC	FI	1.04	12.30%	- do -
91	REC	FI	7.87	12.30%	- do -
92	REC	FI	6.60	12.30%	- do -

93	Vijaya Bank	Bank	175.00	12.30%	- do -
94	Indian Bank	Bank	487.50	12.30%	- do -
95	REC	FI	5.84	12.30%	- do -
96	REC	FI	2.41	12.29%	- do -
97	REC	FI	3.32	12.29%	- do -
98	REC	FI	5.24	12.29%	- do -
99	REC	FI	7.13	12.28%	- do -
100	REC	FI	8.13	12.28%	- do -
101	REC	FI	5.75	12.28%	- do -
102	REC	FI	4.94	12.28%	- do -
103	REC	FI	11.56	12.28%	- do -
104	REC	FI	1.01	12.28%	- do -
105	REC	FI	11.81	12.28%	- do -
106	REC	FI	6.95	12.28%	- do -
107	REC	FI	11.61	12.28%	- do -
108	REC	FI	20.15	12.28%	- do -
109	REC	FI	1.65	12.28%	- do -
110	REC	FI	5.62	12.28%	- do -
111	REC	FI	8.95	12.28%	- do -
112	REC	FI	15.17	12.27%	- do -
113	REC	FI	5.62	12.27%	- do -
114	REC	FI	7.93	12.27%	- do -
115	REC	FI	15.53	12.27%	- do -
116	REC	FI	7.11	12.27%	- do -
117	REC	FI	12.25	12.27%	- do -
118	REC	FI	5.80	12.27%	- do -
119	REC	FI	11.10	12.27%	- do -
120	REC	FI	12.48	12.27%	- do -
121	REC	FI	5.92	12.27%	- do -
122	REC	FI	7.62	12.26%	- do -
123	REC	FI	3.30	12.26%	- do -
124	REC	FI	15.87	12.26%	- do -
125	REC	FI	14.14	12.26%	- do -
126	REC	FI	22.80	12.26%	- do -

127	REC	FI	1.61	12.26%	- do -
128	REC	FI	2.23	12.26%	- do -
129	REC	FI	3.75	12.26%	- do -
130	REC	FI	13.11	12.26%	- do -
131	REC	FI	3.51	12.26%	- do -
132	REC	FI	10.83	12.25%	- do -
133	REC	FI	2.79	12.25%	- do -
134	REC	FI	5.62	12.25%	- do -
135	REC	FI	16.34	12.25%	- do -
136	REC	FI	6.14	12.25%	- do -
137	RGGVY	FI	0.57	12.25%	- do -
138	REC	FI	6.84	12.25%	- do -
139	REC	FI	15.05	12.25%	- do -
140	REC	FI	10.68	12.25%	- do -
141	REC	FI	3.81	12.25%	- do -
142	REC	FI	1.31	12.25%	- do -
143	REC	FI	2.07	12.25%	- do -
144	REC	FI	4.42	12.25%	- do -
145	REC	FI	4.52	12.25%	- do -
146	REC	FI	9.42	12.25%	- do -
147	REC	FI	9.23	12.25%	- do -
148	REC	FI	16.21	12.25%	- do -
149	REC	FI	17.56	12.25%	- do -
150	REC	FI	11.50	12.25%	- do -
151	REC	FI	1.22	12.25%	- do -
152	REC	FI	1.13	12.25%	- do -
153	REC	FI	9.19	12.25%	- do -
154	REC	FI	10.19	12.25%	- do -
155	REC	FI	7.89	12.25%	- do -
156	State Bank of Mysore	Bank	50.00	12.25%	- do -
157	Andhra Bank	Bank	231.25	12.25%	- do -
158	Dena Bank	Bank	125.00	12.25%	- do -
159	UCO Bank	Bank	781.25	12.25%	- do -
160	Oriental Bank of	Bank	37.50	12.25%	- do -

	Commerce				
161	Bank of Baroda	Bank	137.50	12.25%	- do -
162	Syndicate Bank	Bank	383.75	12.25%	- do -
163	Canara Bank	Bank	419.15	12.25%	- do -
164	REC	FI	3.71	12.25%	- do -
165	REC	FI	17.54	12.25%	- do -
166	REC	FI	9.82	12.25%	- do -
167	REC	FI	2.22	12.25%	- do -
168	REC	FI	9.80	12.25%	- do -
169	REC	FI	3.65	12.25%	- do -
170	REC	FI	2.06	12.24%	- do -
171	REC	FI	8.03	12.24%	- do -
172	REC	FI	7.29	12.24%	- do -
173	REC	FI	3.12	12.24%	- do -
174	REC	FI	5.40	12.24%	- do -
175	REC	FI	13.70	12.24%	- do -
176	REC	FI	12.89	12.23%	- do -
177	REC	FI	10.10	12.23%	- do -
178	REC	FI	12.66	12.23%	- do -
179	REC	FI	5.90	12.23%	- do -
180	REC	FI	2.48	12.23%	- do -
181	REC	FI	1.02	12.22%	- do -
182	REC	FI	4.14	12.22%	- do -
183	REC	FI	19.68	12.22%	- do -
184	REC	FI	14.88	12.22%	- do -
185	REC	FI	4.48	12.22%	- do -
186	REC	FI	6.21	12.22%	- do -
187	REC	FI	4.15	12.21%	- do -
188	REC	FI	23.62	12.21%	- do -
189	REC	FI	12.54	12.21%	- do -
190	REC	FI	8.81	12.20%	- do -
191	REC	FI	3.44	12.20%	- do -
192	The South Indian Bank Ltd	Bank	37.50	12.20%	- do -
193	Central Bank of	Bank	313.55	12.20%	- do -

227	REC	FI	0.68	12.08%	- do -
228	REC	FI	3.61	12.08%	- do -
229	REC	FI	6.93	12.07%	- do -
230	REC	FI	3.36	12.07%	- do -
231	REC	FI	1.22	12.07%	- do -
232	REC	FI	5.13	12.07%	- do -
233	REC	FI	5.84	12.06%	- do -
234	RGGVY	FI	0.75	12.06%	- do -
235	REC	FI	29.22	12.06%	- do -
236	REC	FI	1.54	12.06%	- do -
237	REC	FI	2.95	12.06%	- do -
238	REC	FI	0.64	12.06%	- do -
239	RGGVY	FI	1.60	12.06%	- do -
240	REC	FI	0.74	12.05%	- do -
241	REC	FI	15.40	12.05%	- do -
242	RGGVY	FI	1.08	12.05%	- do -
243	REC	FI	1.65	12.05%	- do -
244	RGGVY	FI	0.64	12.03%	- do -
245	RGGVY	FI	0.99	12.03%	- do -
246	RGGVY	FI	1.34	12.03%	- do -
247	REC	FI	9.89	12.03%	- do -
248	REC	FI	2.96	12.02%	- do -
249	RGGVY	FI	1.05	12.02%	- do -
250	REC	FI	12.25	12.02%	- do -
251	REC	FI	4.10	12.01%	- do -
252	RGGVY	FI	0.42	12.00%	- do -
253	REC	FI	4.75	12.00%	- do -
254	REC	FI	17.90	12.00%	- do -
255	REC	FI	15.52	12.00%	- do -
256	REC	FI	1.09	12.00%	- do -
257	REC	FI	9.08	12.00%	- do -
258	REC	FI	27.93	12.00%	- do -
259	REC	FI	15.15	12.00%	- do -
260	REC	FI	24.06	12.00%	- do -

295	REC	FI	1.76	11.96%	- do -
296	REC	FI	94.60	11.96%	- do -
297	REC	FI	22.87	11.96%	- do -
298	REC	FI	1.28	11.96%	- do -
299	REC	FI	12.96	11.95%	- do -
300	REC	FI	5.67	11.95%	- do -
301	REC	FI	6.91	11.94%	- do -
302	REC	FI	3.86	11.93%	- do -
303	REC	FI	6.33	11.93%	- do -
304	REC	FI	61.55	11.93%	- do -
305	REC	FI	2.91	11.92%	- do -
306	REC	FI	4.95	11.92%	- do -
307	REC	FI	6.68	11.91%	- do -
308	REC	FI	5.15	11.90%	- do -
309	REC	FI	1.78	11.88%	- do -
310	REC	FI	0.97	11.85%	- do -
311	REC	FI	3.97	11.84%	- do -
312	REC	FI	2.83	11.83%	- do -
313	REC	FI	9.85	11.83%	- do -
314	REC	FI	8.21	11.83%	- do -
315	REC	FI	0.05	11.82%	- do -
316	REC	FI	1.78	11.82%	- do -
317	REC	FI	1.14	11.80%	- do -
318	REC	FI	0.03	11.80%	- do -
319	Indian Overseas Bank	Bank	325.50	11.80%	- do -
320	RGGVY	FI	0.27	11.75%	- do -
321	RGGVY	FI	0.37	11.75%	- do -
322	REC	FI	1.28	11.75%	- do -
323	REC	FI	0.45	11.75%	- do -
324	REC	FI	0.51	11.75%	- do -
325	HUDCO	FI	91.74	10.45%	- due -
	Total		22815.00		

Loan outstanding as on 30.09.2015

Sl. No	Name of the Institutions	Bank/FI	Amount (Rs.in Cr.)	Rate of Interest	Due or not Due
25% Balance Loans					
1	Indian Overseas Bank	Bank	132.00	11.80%	- do -
2	REC	FI	0.55	11.74%	- do -
3	REC	FI	7.53	11.69%	- do -
4	REC	FI	6.16	11.68%	- do -
5	REC	FI	3.48	11.68%	- do -
6	REC	FI	5.23	11.67%	- do -
7	REC	FI	3.36	11.67%	- do -
8	REC	FI	5.63	11.67%	- do -
9	REC	FI	3.24	11.66%	- do -
10	REC	FI	4.19	11.66%	- do -
11	REC	FI	0.71	11.65%	- do -
12	REC	FI	54.61	11.64%	- do -
13	REC	FI	0.74	11.64%	- do -
14	REC	FI	2.89	11.61%	- do -
15	REC	FI	0.86	11.61%	- do -
16	REC	FI	1.04	11.60%	- do -
17	REC	FI	2.99	11.60%	- do -
18	REC	FI	1.49	11.58%	- do -
19	REC	FI	39.04	11.58%	- do -
20	REC	FI	0.58	11.55%	- do -
21	REC	FI	2.72	11.55%	- do -
22	REC	FI	1.04	11.54%	- do -
23	REC	FI	1.78	11.54%	- do -
24	REC	FI	0.83	11.52%	- do -
25	REC	FI	3.12	11.52%	- do -
26	REC	FI	1.63	11.52%	- do -
27	REC	FI	2.67	11.52%	- do -
28	REC	FI	0.90	11.47%	- do -
29	REC	FI	0.75	11.43%	- do -

30	REC	FI	7.67	11.42%	- do -
31	REC	FI	35.06	11.41%	- do -
32	REC	FI	6.41	11.40%	- do -
33	REC	FI	3.81	11.40%	- do -
34	REC	FI	0.65	11.40%	- do -
35	REC	FI	0.26	11.37%	- do -
36	REC	FI	1.42	11.36%	- do -
37	REC	FI	0.25	11.36%	- do -
38	REC	FI	1.26	11.34%	- do -
39	REC	FI	0.57	11.34%	- do -
40	REC	FI	0.57	11.32%	- do -
41	REC	FI	0.12	11.32%	- do -
42	REC	FI	0.64	11.32%	- do -
43	REC	FI	0.25	11.32%	- do -
44	REC	FI	0.05	11.29%	- do -
45	REC	FI	1.97	11.27%	- do -
46	REC	FI	0.38	11.27%	- do -
47	City Union Bank Ltd	Bank	18.00	11.25%	- do -
48	City Union Bank Ltd	Bank	8.00	11.25%	- do -
49	City Union Bank Ltd	Bank	9.00	11.25%	- do -
50	City Union Bank Ltd	Bank	3.00	11.25%	- do -
51	REC	FI	0.09	11.25%	- do -
52	REC	FI	0.31	11.24%	- do -
53	REC	FI	0.12	11.24%	- do -
54	REC	FI	10.48	11.23%	- do -
55	REC	FI	0.53	11.22%	- do -
56	REC	FI	0.23	11.22%	- do -
57	REC	FI	0.53	11.21%	- do -
58	REC	FI	2.02	11.21%	- do -
59	REC	FI	4.53	11.19%	- do -
60	REC	FI	0.56	11.16%	- do -
61	REC	FI	63.97	11.13%	- do -
62	REC	FI	9.17	11.13%	- do -

63	REC	FI	0.81	11.13%	- do -
64	REC	FI	0.25	11.11%	- do -
65	REC	FI	1.56	11.10%	- do -
66	The Federal Bank	Bank	80.00	11.10%	- do -
67	The Federal Bank	Bank	37.00	11.10%	- do -
68	The Federal Bank	Bank	41.00	11.10%	- do -
69	The Federal Bank	Bank	15.00	11.10%	- do -
70	REC	FI	7.07	11.09%	- do -
71	REC	FI	0.31	11.09%	- do -
72	REC	FI	0.37	11.09%	- do -
73	REC	FI	0.63	11.08%	- do -
74	REC	FI	16.58	11.07%	- do -
75	REC	FI	4.53	11.06%	- do -
76	REC	FI	4.41	11.05%	- do -
77	Dena Bank	Bank	69.00	11.05%	- do -
78	Dena Bank	Bank	25.00	11.05%	- do -
79	REC	FI	0.38	11.05%	- do -
80	REC	FI	2.59	11.03%	- do -
81	REC	FI	24.78	11.02%	- do -
82	Corporation Bank	Bank	304.00	11.00%	- do -
83	Corporation Bank	Bank	147.00	11.00%	- do -
84	Corporation Bank	Bank	159.00	11.00%	- do -
85	Catholic Syrian Bank	Bank	29.00	11.00%	- do -
86	Catholic Syrian Bank	Bank	15.00	11.00%	- do -
87	Karur Vysya Bank	Bank	90.00	11.00%	- do -
88	Karur Vysya Bank	Bank	40.00	11.00%	- do -
89	Karur Vysya Bank	Bank	46.00	11.00%	- do -
90	Karur Vysya Bank	Bank	16.00	11.00%	- do -
91	Punjab & Sind Bank	Bank	87.00	11.00%	- do -
92	Punjab National Bank	Bank	525.00	11.00%	- do -
93	Punjab National Bank	Bank	229.00	11.00%	- do -

94	Punjab National Bank	Bank	266.00	11.00%	- do -
95	State Bank of India	Bank	825.00	11.00%	- do -
96	State Bank of India	Bank	360.00	11.00%	- do -
97	State Bank of India	Bank	420.00	11.00%	- do -
98	State Bank of India	Bank	150.00	11.00%	- do -
99	REC	FI	0.13	10.99%	- do -
100	REC	FI	2.81	10.99%	- do -
101	REC	FI	0.25	10.95%	- do -
102	ICICI Bank	FI	70.00	10.95%	- do -
103	REC	FI	0.92	10.95%	- do -
104	REC	FI	0.11	10.95%	- do -
105	REC	FI	0.12	10.94%	- do -
106	State Bank of Travancore	Bank	114.00	10.90%	- do -
107	State Bank of Travancore	Bank	60.00	10.90%	- do -
108	State Bank of Travancore	Bank	56.00	10.90%	- do -
109	REC	FI	0.19	10.85%	- do -
110	REC	FI	0.25	10.84%	- do -
111	Vijaya Bank	Bank	215.00	10.80%	- do -
112	Vijaya Bank	Bank	105.00	10.80%	- do -
113	Vijaya Bank	Bank	112.00	10.80%	- do -
114	Vijaya Bank	Bank	40.00	10.80%	- do -
115	Indian Bank	Bank	254.00	10.80%	- do -
116	Indian Bank	Bank	123.00	10.80%	- do -
117	Indian Bank	Bank	133.00	10.80%	- do -
118	REC	FI	0.35	10.78%	- do -
119	REC	FI	0.11	10.78%	- do -
120	REC	FI	5.64	10.77%	- do -
121	State Bank of Mysore	Bank	37.00	10.75%	- do -
122	State Bank of Mysore	Bank	18.00	10.75%	- do -
123	State Bank of Mysore	Bank	15.00	10.75%	- do -
124	Andhra Bank	Bank	175.00	10.75%	- do -

125	Andhra Bank	Bank	85.00	10.75%	- do -
126	Andhra Bank	Bank	92.00	10.75%	- do -
127	Andhra Bank	Bank	33.00	10.75%	- do -
128	Dena Bank	Bank	135.00	10.75%	- do -
129	Dena Bank	Bank	60.00	10.75%	- do -
130	UCO Bank	Bank	185.15	10.75%	- do -
131	Oriental Bank of Commerce	Bank	52.00	10.75%	- do -
132	Oriental Bank of Commerce	Bank	18.00	10.75%	- do -
133	Bank of Baroda	Bank	164.50	10.75%	- do -
134	Bank of Baroda	Bank	70.50	10.75%	- do -
135	Bank of Baroda	Bank	83.00	10.75%	- do -
136	Punjab & Sind Bank	Bank	172.90	10.75%	- do -
137	Punjab & Sind Bank	Bank	74.10	10.75%	- do -
138	Syndicate Bank	Bank	320.00	10.75%	- do -
	Total		7605.95		

Action Plan for achieving of Operational turnaround

Clause No.	Activity	Unit	Status as on 31.03.16	FY17		FY18		FY19		FY20		Officer responsible
				H1	H2	H1	H2	H1	H2	H1	H2	
1.3 (b)	AT&C loss reduction trajectory	%	14.58	14.29	14.06	13.92	13.79	13.62	13.50			SE/EE/O&M
1.3 (g-v)	11/22 KV Feeder metering functional	Nos %	7266 99.9	117 100								EE/O&M
1.3 (g-iv)	DT Metering in Urban areas	Nos %	48373 85	5900 90	5900 95	5900 100						EE/RAPDRP
1.3 (g-vi)	DT Metering in Rural areas	Nos %	0 0	0 0	0 0	18000 10	81374 50	81374 100				EE/O&M
1.3 (g-vii)	11/22 KV Feeder audit in rural areas	Nos %	0 0	0 0	120 5	640 25	640 45	518 100				EE/O&M
1.3 (g-viii)	Feeder improvement programme on feeder	Nos %	0 0	0 0	2250 5	10000 25	10000 45	10000 65	10000 100			EE/O&M
1.3 (g-ix)	Feeder separation (separation of Ag. Load on feeder)	Nos %	0 0	0 0	0 0	320 20	320 40	320 60	320 80	320 90	320 100	EE/O&M
1.3 (g-ix)	Installation of smart meters/ other than Ag. consumers consuming more than 500 units	Nos.in lac %				3.52 20	4.00 40	4.00 70	4.00 100			EE/O&M
1.3 (g-ix)	Installation of smart meters/ other than Ag.	Nos.in lac %				2.56 10	16.00 30	16.00 50	16.00 70	16.00 85	16.00 100	EE/O&M

Consumers consuming above 200 units																		
1.3 (g-x)	Domestic connections in lakhs under 24 x 7 PFA	TANGEDCO is already providing electricity access to all households as envisaged in 24 x 7 "Power for All" document																
1.3 (g-xi)	Implementation of ERP system	Development of ERP in Newly commissioned Thermal Stations	Testing of ERP in Newly commissioned Thermal Stations	Finalisation of vendors for comprehensive ERP	Development of ERP	Testing of ERP	Go-live											CE/I.T
1.3 (h-i)	Providing LED bulbs under DELP			2.50	4.50	8.00	12.00	16.00	22.00									CE/DSM
1.3 (g-xii)	Consumer indexing and GIS mapping	Implementing Consumer Indexing and GIS mapping of losses.																
1.3 (h-iii)	Energy efficient Ag. Pump	13450	7400	9050	11070	16600	14750	22100										CE/I.T. & CE/RAPDRP