

# **Annexures**



**Annexure-I**  
(Refer to Para 2.2)

**State-wise List of Number of Projects Sanctioned by MOP/PFC**

Sl. No.	State	Part 'A' projects sanctioned	Part 'B' projects sanctioned	SCADA projects sanctioned
1.	Andhra Pradesh	75	46	4
2.	Assam	67	67	1
3.	Bihar	71	64	1
4.	Chhattisgarh	20	19	2
5.	Goa	4	0	0
6.	Gujarat	84	62	6
7.	Haryana	36	34	1
8.	Himachal Pradesh	14	14	0
9.	Jammu & Kashmir	30	30	2
10.	Jharkhand	30	30	3
11.	Karnataka	98	81	0
12.	Kerala	43	43	3
13.	Madhya Pradesh	83	81	5
14.	Maharashtra	128	123	8
15.	Manipur	13	13	0
16.	Meghalaya	9	9	0
17.	Mizoram	9	9	0
18.	Nagaland	9	0	0
19.	Odisha	12	12	2
20.	Puducherry	4	1	1

21.	Punjab	47	46	3
22.	Rajasthan	87	82	5
23.	Sikkim	2	2	0
24.	Tamil Nadu	110	80	7
25.	Telangana	40	38	2
26.	Tripura	16	16	0
27.	Uttar Pradesh	168	167	12
28.	Uttarakhand	31	31	1
29.	West Bengal	61	59	3
<b>Total</b>		<b>1,401<sup>1</sup></b>	<b>1,259</b>	<b>72</b>

<sup>1</sup> Arunachal Pradesh and Chandigarh were not covered in Performance Audit where 10 and 1 projects respectively under Part 'A' and nil project in Part 'B' and 'SCADA' were sanctioned.

**Annexure-II**  
(Refer to Para 2.2)

**State wise list of number of projects selected for audit in States and at MOP/PFC**

Sl. No.	State	Part 'A' projects		Part 'B' projects		SCADA projects sampled for scrutiny in states and PFC/MOP
		Total No of Projects Sampled for scrutiny in states	No. of Projects Sampled for scrutiny in PFC/MOP	Total No of Projects Sampled for scrutiny in states	No. of Projects Sampled for scrutiny in PFC/MOP	
1.	Andhra Pradesh	25	7	25	7	4
2.	Assam	25	7	25	7	1
3.	Bihar	25	7	25	7	1
4.	Chhattisgarh	20	5	19	5	2
5.	Goa	4	1	0	0	0
6.	Gujarat	25	8	25	4	6
7.	Haryana	25	7	25	7	1
8.	Himachal Pradesh	14	4	14	4	0
9.	Jammu & Kashmir	25	7	25	7	2
10.	Jharkhand	25	7	25	7	3
11.	Karnataka	30	8	26	7	0
12.	Kerala	25	7	25	7	3
13.	Madhya Pradesh	25	7	25	7	5
14.	Maharashtra	32	8	31	8	8
15.	Manipur	13	4	13	4	0
16.	Meghalaya	9	2	9	2	0
17.	Mizoram	9	3	9	3	0
18.	Nagaland	9	3	0	0	0

<b>19.</b>	Odisha	12	3	12	3	2
<b>20.</b>	Puducherry	4	1	1	1	1
<b>21.</b>	Punjab	25	7	25	7	3
<b>22.</b>	Rajasthan	26	7	26	7	5
<b>23.</b>	Sikkim	2	1	2	1	0
<b>24.</b>	Tamil Nadu	28	7	25	7	7
<b>25.</b>	Telangana	25	7	25	7	2
<b>26.</b>	Tripura	16	5	16	4	0
<b>27.</b>	Uttar Pradesh	43	11	42	11	12
<b>28.</b>	Uttarakhand	25	7	25	7	1
<b>29.</b>	West Bengal	25	7	25	7	3
<b>Total</b>		<b>596</b>	<b>165</b>	<b>570</b>	<b>155</b>	<b>72</b>

**Annexure III**  
**(Refer to Para 3.3.3)**

**Instances of release of first installment for Part B funding without tying up of counterpart funding by the Utility with Financial Institutions**

*(₹ in crores)*

<b>Sl. No.</b>	<b>State</b>	<b>Number of cases/ towns</b>	<b>Amount of 1<sup>st</sup> Instalment of Part B</b>
<b>1.</b>	Andhra Pradesh	18	13.88
<b>2.</b>	Bihar	25	126.79
<b>3.</b>	Chhattisgarh	19	106.53
<b>4.</b>	J&K	30	499.58
<b>5.</b>	Maharashtra	121	466.71
<b>6.</b>	Manipur	13	119.66
<b>7.</b>	Rajasthan	70	210.62
<b>8.</b>	Uttar Pradesh	42	561.47

**Annexure IV**  
(Refer to Para 3.5)

**Cases of diversion of funds noticed during audit**

<b>State</b>	<b>Name of Utility</b>	<b>Amount (₹ in crore)</b>	<b>Purpose for which funds (materials) diverted</b>	<b>Steps taken to get back the funds diverted.</b>	<b>Present Status.</b>
<b>Andhra Pradesh</b>	APEPDCL	35.85	Working capital of company	CLTDR Account opened	Now funds spent are more than funds received from PFC
<b>Assam</b>	Assam Power Distribution Company Limited.	1.90 <i>(The value of materials such as DTR meters, VCB panels &amp; APFC)</i>	Areas not covered by the Ring-fenced area under RAPDRP Projects.	Not available on record.	Not available on record
<b>Haryana</b>	DHBVN	27.14	Other than R-APDRP (for making payments to parties and contractors not connected with implementation of R-APDRP.)	Funds now utilized (3/2015) in RAPDRP	Funds now utilized (3/2015) in RAPDRP
<b>Karnataka</b>	BESCOM & CESC	34.25 <i>(Amount of interest)</i>	Treated as own income and not adjusted against the project cost.		
<b>Manipur</b>	MSPDCL	10.52	Payment of NPV & Compensatory Afforestation charge of 2 (two) power projects.	Fund returned to project account	Fund returned and utilized for project.



State	Name of Utility	Amount (₹ in crore)	Purpose for which funds (materials) diverted	Steps taken to get back the funds diverted.	Present Status.
	MSPDCL	119.66	Diverted to State Govt. Account on 3.4.13	₹ 59.00 cr. Released on 12.7.13 and ₹ 60.66 cr released on 7.11.13	Fund returned and utilized for Projects.
<b>Meghalaya</b>	MeECL	29.20	Working Capital	The unauthorised diversion of funds was noticed by audit. No action has been taken to pay back the funds	Diversion of funds yet to be transferred back
<b>Tripura</b>	Utility as a whole	2.11	Diverted to non-RAPDRP works	Not available on record.	Amount of ₹1.02 crore returned to Project account.
<b>Uttar Pradesh</b>	DVVNL	80.37	To meet the power purchase liability of UPPCL	DISCOMs had been writing to UPPCL to return the amount	₹ 100.41 crore still not recovered from UPPCL
	MVVNL	70.64			
	PVVNL	71.12			
	PuVVNL	52.63			

**Annexure V**  
(Refer to Para 3.8)

**Cases of non- submission of UCs by Utilities as of March 2015**

(₹ in crore)

State	Name of Project	Date of signing of Quadripartite Agreement/ MoA	Approved Project Cost	Release of 1 <sup>st</sup> Instalment of funds by PFC	
				Date	Amt.
<b>Assam</b>					
<b>Part B</b>	Tinsukia	25-Feb-2010	13.63	30-Dec-2011	4.09
	Guwahati	25-Feb-2010	227.85	19-Jun-2012	68.35
	Diphu	25-Feb-2010	10.52	30-Dec-2011	3.16
	Nalbari	25-Feb-2010	8.95	30-Dec-2011	2.69
<b>Himachal Pradesh</b>					
<b>Part B</b>	Sundarnagar	16-Mar-2009	6.55	18-Feb-2011	1.97
<b>Kerala</b>					
<b>Part A</b>	Cherthala	17-Aug-2009	2.32	04-Jan-2010	0.70
	Alappuzha	17-Aug-2009	4.02	04-Jan-2010	1.21
	Ottapalam	17-Aug-2009	0.73	04-Jan-2010	0.22
	Kannur	17-Aug-2009	5.55	04-Jan-2010	1.67
	Kollam	17-Aug-2009	6.67	04-Jan-2010	2.00
	Kozhikode	17-Aug-2009	13.69	04-Jan-2010	4.11
	Thrissur	17-Aug-2009	4.84	04-Jan-2010	1.45
<b>Part B</b>	Shoranur	17-Aug-2009	3.79	15-Mar-2011	0.57
	Kunnamkulam	17-Aug-2009	5.53	01-Sep-2010	0.83
	Kannur	17-Aug-2009	80.20	29-Oct-2010	2.61
				20-Dec-2010	8.61
				29-Dec-2012	0.82
	Attingal	17-Aug-2009	10.02	29-Oct-2010	0.29
				20-Dec-2010	0.97
				29-Dec-2012	0.24
	Ernakulam-Kochi	17-Aug-2009	207.96	28-Jun-2011	31.19
	Malappuram	17-Aug-2009	7.26	01-Sep-2010	1.09
Thodupuzha	17-Aug-2009	13.97	29-Oct-2010	0.49	
			20-Dec-2010	1.61	
<b>Uttarakhand</b>					
	Sitarganj	26-Mar-2009	4.24	16-May-2012	0.23

<b>Part B</b>				17-May-2012	1.04
	Landhora	26-Mar-2009	4.30	16-May-2012	0.23
				17-May-2012	1.06
	Kathima	26-Mar-2009	10.00	16-May-2012	0.54
				17-May-2012	2.46
	Ramnagar	26-Mar-2009	11.65	16-May-2012	0.62
				17-May-2012	2.87
					0.85
<b>Madhya Pradesh</b>					
<b>Part B</b>	Indore	30-Mar-2009	276.24	31-Mar-2010	36.13
				09-Jul-2012	5.32
	Katni	30-Mar-2008	52.45	24-Sep-2010	7.87
	Narsinghpur	30-Mar-2008	15.46	24-Sep-2010	2.32
	Bhind	30-Mar-2008	31.82	22-Sep-2010	4.78
	Ujjain	30-Mar-2009	91.10	31-Mar-2010	10.16
				09-Jul-2012	3.50
	Hoshangabad	30-Mar-2008	15.00	30-Jun-2010	2.25
	Dewas	30-Mar-2009	54.01	24-Sep-2010	8.10
				16-May-2012	0.11
			17-May-2012	0.58	
<b>Mizoram</b>					
<b>Part A</b>	Aizawl	14-Sep-2009	25.10	01-Feb-2011	7.53
	Lunglei	14-Sep-2009	3.05	01-Feb-2011	0.92
	Lawngtlai	14-Sep-2009	0.86	01-Feb-2011	0.26
<b>Part B</b>	Champhai	14-Sep-2009	11.93	18-Feb-2014	2.86
				06-Sept-2014	0.72
	Serchhip	14-Sep-2009	8.87	18-Feb-2014	2.12
				06-Sept-2014	0.54
	Aizawl	14-Sep-2009	156.84	18-Feb-2014	37.51
			06-Sept-2014	9.55	
<b>Goa</b>					
<b>Part-A</b>	Marmagoa	24-Mar-2009	3.65	09-Nov-2009	1.09
<b>Gujarat</b>					
<b>Part B</b>	Wadhwan	3-Sep-2009	31.35	23-Sep-2010	4.70
	Gondal	3-Sep-2009	8.22	23-Sep-2010	1.24
	Vadodara	2-Mar-2009	58.48	01-Jan-2015	8.77
	Godhra	2-Mar-2009	37.60	23-Sep-2010	5.64
<b>Maharashtra</b>					
	Beed	20-Feb-2009	56.23	15-July-2011	3.39
				28-Sept-2011	5.04

<b>Part B</b>	Wardha	20-Feb-2009	25.67	18-Feb-2011	3.85
	Ahmednagar	20-Feb-2009	55.90	15 <sup>th</sup> JULY-2011	3.37
				28 <sup>th</sup> Sept -2011	5.01
	Nalasopara	20-Feb-2009	27	18-Feb-2011	4.05
	Vasai	20-Feb-2009	32.88	29-Sep-2011	4.93
	Virar	20-Feb-2009	59.15	18-Feb-2011	8.87
	Solapur	20-Feb-2009	128.47	18-Feb-2011	15.98
				29-Dec-2012	3.29
	GR. Mumbai	20-Feb-2009	1193.91	28-Sept-2011	86.16
				29-Sept-2011	81.00
			29-Dec-2012	11.92	
<b>Nagaland</b>					
<b>Part A</b>	Zunheboto	12-Apr-2010	0.82	16-Mar-2011	0.25
	Mokokchung	12-Apr-2010	1.31	16-Mar-2011	0.39
	Tuensang	12-Apr-2010	1.5	16-Mar-2011	0.45
<b>Puducherry</b>					
<b>Part A</b>	Puducherry	14-Jan-2011	20.17	31-Mar-2012	3.45
				08-May-2014	0.72
<b>SCADA</b>		14- Jan-2011	13.89	08- May -2014	4.17
<b>Part B</b>		14- Jan-2011	84.78	08- May -2014	12.72
<b>Rajasthan</b>					
<b>Part A</b>	Pali	13-Feb-2009	3.21	26-Mar-2009	0.54
				31-Mar-2009	0.38
				06-Jul-2009	0.05
	Jhunjhunu	13-Feb-2009	1.77	26-Mar-2009	0.30
				31-Mar-2009	0.21
				06-Jul-2009	0.03
	Sojat city	13-Feb-2009	0.86	26-Mar-2009	0.14
				31-Mar-2009	0.10
				06-Jul-2009	0.01
<b>Part B</b>	Makrana	13-Feb-2009	29.70	09-Mar-2011	4.46
	Jhalawar	12-Feb-2009	7.92	12-Oct-2010	1.19
	Jalore	13-Feb-2009	10.10	29-Sep-2010	1.52
	Bharatpur	12-Feb-2009	35.06	12-Oct-2010	5.26
	Kota	12-Feb-2009	249.70	12-Oct-2010	37.46
	Bhilwara	13-Feb-2009	35.08	31-Mar-2010	4.70
				20-Dec-2010	0.56
<b>West Bengal</b>					
	Haldia	22-Jul-2009	28.88	1-Jan-2015	4.33

<b>Part B</b>	English Bazaar	22-Jul-2009	25.54	01-Mar-2011	3.83
	Darjeeling	22-Jul-2009	10.23	01-Jan-2015	1.54
	Bankura	22-Jul-2009	17.79	01-Mar-2011	2.67
	Raiganj	22-Jul-2009	10.95	01-Mar-2011	1.64
	Bangaon	22-Jul-2009	15.83	01-Mar-2011	2.37
	Diamond Harbour	22-Jul-2009	12.09	01-Mar-2011	1.81
<b>Meghalaya</b>					
<b>Part A</b>	Cherrapunjee	12-Apr-10	0.7	04-Feb-2011	0.21
	Shillong	12-Apr-10	25.02	04-Feb-2011	7.50
<b>Part B</b>	Nongpoh	12-Apr-10	2.49	06-Sep-2014	0.75
	Shillong	12-Apr-10	72.8	06-Sep-2014	21.84
<b>Punjab</b>					
<b>Part B</b>	Faridkot	30-Jul-2009	11.37	31-Mar-2010	1.52
				12-Sep-2012	0.13
				28-Sep-2012	0.05
	Hoshiarpur	30-Jul-2009	38.01	29-Sep-2011	5.70
	Kapurthala	30-Jul-2009	20.35	29-Sep-2011	3.05
	Sunam	30-Jul-2009	12.75	29-Sep-2011	1.91
	Ferozpur	30-Jul-2009	20.87	31-Mar-2010	2.79
	Bhatinda.	30-Jul-2009	47.5	31-Mar-2010	6.36
				12-Sep-2012	0.54
				28-Sep-2012	0.22
	Jalandhar Cantt	30-Jul-2009	29.86	19-Jun-2015	4.48
<b>Total</b>					<b>706.57</b>

**Annexure VI**  
(Refer to Paras 4.2 & 4.2.1)

**Details of the projects sanctioned during various Steering Committee meetings**

Sl. No	Date and no. of the meeting	No. of Projects Sanctioned	Total cost of the Projects Sanctioned (₹ in crore)	No. of Projects Sanctioned without approval of SDRC
1.	8 <sup>th</sup> Meeting held on 13 <sup>th</sup> February 2009	256	894.10	127
2.	9 <sup>th</sup> Meeting held on 20 <sup>th</sup> February 2009	284	861.44	61
3.	10 <sup>th</sup> Meeting held on 26 <sup>th</sup> February 2009	64	196.39	29
4.	11 <sup>th</sup> Meeting held on 30 <sup>th</sup> June 2009	423	1,614.23	
5.	12 <sup>th</sup> Meeting held on 4 <sup>th</sup> September 2009	109	598.56	53
6.	14 <sup>th</sup> Meeting held on 26 <sup>th</sup> November 2009	155	546.43	
7.	15 <sup>th</sup> Meeting held on 9 <sup>th</sup> December 2009	61	74.92	
8.	16 <sup>th</sup> Meeting held on 2 <sup>nd</sup> March 2010	22	65.52	
9.	17 <sup>th</sup> Meeting held on 19 <sup>th</sup> March 2010	251	3,042.67	229
10.	18 <sup>th</sup> Meeting held on 29 <sup>th</sup> March 2010	3	65.81	
11.	19 <sup>th</sup> Meeting held on 2 <sup>nd</sup> June 2010	152	2,061.12	54
12.	20 <sup>th</sup> Meeting held on 16 <sup>th</sup> August 2010	269	5,748.00	
13.	21 <sup>st</sup> Meeting held on 8 <sup>th</sup> December 2010	145	4,195.96	
14.	22 <sup>nd</sup> Meeting held on 22 <sup>nd</sup> February 2011	58	1,317.68	
15.	23 <sup>rd</sup> Meeting held on 15 <sup>th</sup> June, 2011	98	3,706.19	
16.	24 <sup>th</sup> Meeting held on 18 <sup>th</sup> October 2011	151	4,694.73	
17.	25 <sup>th</sup> Meeting held on 20 <sup>th</sup> January 2012	49	1,083.47	
18.	26 <sup>th</sup> Meeting held on 3 <sup>rd</sup> August 2012	48	726.84	
19.	27 <sup>th</sup> Meeting held on 18 <sup>th</sup> February 2013	41	2,316.84	
20.	28 <sup>th</sup> Meeting held on 6 <sup>th</sup> August 2013	33	1,152.17	
21.	29 <sup>th</sup> Meeting held on 27 <sup>th</sup> September 2013	68	1,841.29	
22.	30 <sup>th</sup> Meeting held on 28 <sup>th</sup> February 2014	32	571.49	
23.	31 <sup>st</sup> Meeting held on 9 <sup>th</sup> July 2014	2	51.16	
<b>Total</b>		<b>2,774</b>	<b>37,427.01</b>	<b>553</b>

## Annexure VII

(Refer to Para 4.2.2)

### Non-preparation of DPRs in the prescribed formats by the State Utilities resulting in inclusion of inadmissible items of work and exclusion of required items of work

Name of the State	Instances of cases of incorrect preparation of DPRs
Assam	<ul style="list-style-type: none"><li>➤ 15 per cent Supervision charges amounting to ₹10.47 crore included in the estimates of Project Cost.</li><li>➤ Overloading of 15 per cent additional cost on SOR 2010-11, in contravention to the stated facts in the DPR resulted in overestimation of the Project by ₹62.39 crore on SOR rates of 2010-11.</li></ul>
Gujarat	<ul style="list-style-type: none"><li>➤ Inclusion of Departmental overhead charges in DPR cost estimates</li><li>➤ Two SCADA projects (one SCADA Part A and other SCADA Part B) were sanctioned for Ahmedabad peripheral area. The population of the project area (3,49,298) was below the prescribed limit of 4,00,000.</li></ul>
Rajasthan	Five Works under progress in two towns involving expenditure of ₹ 3.60 crore were included in proposed DPR of the concerned town.
Tripura	Value of dismantled material was not reduced from the approved Project Cost resulting in undue advantage to the Utility.
Uttar Pradesh	<ul style="list-style-type: none"><li>➤ Inclusion of meter cost of new/unmetered connection.</li><li>➤ Inclusion of cost of installation of meters.</li><li>➤ Non-consideration of cost of receipt back items.</li><li>➤ Non provision and recovery of Labour Cess.</li></ul>

**Annexure VIII**  
(Refer to Para 4.3)

**Delay in formulation of DPRs, calling of tenders and award of work**

State	Delay in submission/approval of DPRs	Delay in tender/award of works.
<b>Andhra Pradesh</b>	<ul style="list-style-type: none"> <li>➤ <b>Part B DPRs of APSPDCL:</b> from 205 days (7 months) to 1,266 days (42 months).</li> <li>➤ <b>Part B DPRs of APEPDCL:</b> from 190 days (more than 6 months) to 1,265 days (42 months)</li> <li>➤ <b>Supervisor Control and Data Acquisition system/ Distribution Management System (SCADA/ DMS) of APSPDCL and APEPDCL:</b> 333 days (11 months) to 1,258 days (42 months). In 4 cases relating to APSPDCL and APEPDCL, there was delay of 359 days (12 months) in submission of DPRs of Part B SCADA enabling components and works are yet to be awarded (September 2015).</li> </ul>	<ul style="list-style-type: none"> <li>➤ <b>Part B – APSPDCL:</b> 74 days (more than 2 months) to 617 days (more than 20 months) in respect of 10 towns.</li> <li>➤ <b>Part B – APEPDCL:</b> From 78 days (more than 2 months) to 1,180 days (more than 39 months)</li> <li>➤ <b>(SCADA/DMS) of APSPDCL and APEPDCL:</b> 102 (more than 3 months) to 635 days (21 months)</li> </ul>
<b>Assam</b>	<ul style="list-style-type: none"> <li>➤ <b>Part A DPRs (67Projects):</b> 100 days (3 months)</li> </ul>	<ul style="list-style-type: none"> <li>➤ <b>Part B DPRs (67 Projects):</b> 7 to 15 months.</li> </ul>
<b>Bihar</b>	<p>In all 25 cases</p> <ul style="list-style-type: none"> <li>➤ <b>Part A:</b> 155 days (5 months)</li> <li>➤ <b>Part B:</b> 360 days. (12 months)</li> </ul>	<p>In all 25 Cases</p> <ul style="list-style-type: none"> <li>➤ <b>Part A:</b> 266 days (9 months).</li> <li>➤ <b>Part B:</b> 235 (more than 7 months) to 539 days (more than 17 months)</li> </ul>
<b>Himachal Pradesh</b>	<ul style="list-style-type: none"> <li>➤ <b>Part A 14 Projects:</b> 427 (14 months) to 505 days (17 months)</li> <li>➤ <b>Part B 14 Projects:</b> 596 days (20 months) to 638 days (21 months)</li> </ul>	<ul style="list-style-type: none"> <li>➤ <b>Part A 14 Projects:</b> 61 days(2 months)</li> <li>➤ <b>Part B 14 Projects (Tendering) :</b>119 (4 months) to 1569 days (52 months)</li> </ul> <p><b>Award of Works</b></p> <ul style="list-style-type: none"> <li>➤ <b>Part A:</b> 299 days (10 months)</li> <li>➤ <b>Part B:</b> 140 (5 months) to 450 days (15 months)</li> </ul>
<b>Haryana</b>	<ul style="list-style-type: none"> <li>➤ 850 days (28 months) to 1,049 days (35 months)</li> </ul>	<ul style="list-style-type: none"> <li>➤ 431 (more than 14 months) to 990 days (33 months)</li> </ul>
<b>Jammu &amp; Kashmir</b>	-	<ul style="list-style-type: none"> <li>➤ More than 10 months in finalization of tenders for selection of SCADA Consultant.</li> <li>➤ 28 months in issue of LOA in favour of the selected vendor</li> <li>➤ 15 months in issue of letter of award to the ITIA vendor</li> </ul>



<b>Jharkhand</b>	-	<b>Part A (30 Projects):</b> <ul style="list-style-type: none"> <li>➤ IT Consultant (4 months)</li> <li>➤ ITIA (12 months);</li> <li>➤ Metering of Distribution Transformers (27 months),</li> <li>➤ Boundary and Feeder Meters (24 months)</li> <li>➤ Network Bandwidth Service Provider (30 months)</li> <li>➤ 21 to 33 months in civil works and non IT Infrastructure for DC and DRC.</li> </ul>
<b>Kerala</b>	➤ <b>Part B DPRs (43 cases):</b> 150 days (5 months) to 840 days (28 months)	➤ In 3 cases from 608 days (20 months) to 996 days (33 months).
<b>Madhya Pradesh</b>	<ul style="list-style-type: none"> <li>➤ <b>27 projects in Eastern DISCOM:</b> From 12 to 16 months.</li> <li>➤ <b>31 projects (Part B) in Central DISCOM:</b> From 12 to 18 months</li> <li>➤ <b>23 (Part B) projects in Western DISCOM:</b> From 11 to 12 months.</li> </ul>	<ul style="list-style-type: none"> <li>➤ <b>26 projects in Eastern DISCOM:</b> From 19 months to 25 months</li> <li>➤ <b>Central DISCOM:</b> 19 to 31 months.</li> <li>➤ <b>Western DISCOM:</b> 21 to 30 months.</li> </ul>
<b>Maharashtra</b>	-	➤ <b>Part B One case:</b> More than one year
<b>Mizoram</b>	-	➤ <b>Part B:</b> 9 months
<b>Rajasthan</b>	➤ <b>81 cases:</b> Up to 162 days (more than 5 months)	➤ <b>29 cases:</b> 420 days (14 months) to 1291 days (43 months)
<b>Tamil Nadu</b>	-	➤ IT Implementing Agency: 378 days (12 months)
<b>Tripura</b>	-	➤ Part B projects: 8 to 40 months
<b>Uttar Pradesh</b>	<b>Part A. (43 cases):</b> 51 days (2 months)	➤ <b>Part B (34 cases):</b> 9 to 46 months in initiating tendering process and 18 to 48 months in awards of work.
<b>Uttarakhand</b>	<b>Part B ( 31 cases):</b> <ul style="list-style-type: none"> <li>➤ 258 (more than 8 months) to 313 (more than 10 months)</li> </ul>	<b>Part B (31 cases )</b> <ul style="list-style-type: none"> <li>➤ 309 (10 months) to 576 days (19 months) in calling of tenders</li> <li>➤ 491 (more than 16 months) to 870 days (29 months) in awards of work.</li> </ul>

**Guidelines for sanction of Cost variation in appointment of ITIA by Utilities approved by the Steering Committee in its 14<sup>th</sup> Meeting held on 26<sup>h</sup> November 2009**

**Pre-award stage:**

- a) If the lowest quoted / awarded cost is higher than the sanctioned DPR values up to a **maximum of 10 per cent, the Utility may issue Letter of Intent (LOI)** and intimate such variation to PFC/ MOP along with proper justification and take approval of their DRC. Such variation in cost was to be put up in the next steering committee for sanction of additional project cost to the Utility.
- b) If the lowest quoted/awarded cost is higher with respect to sanctioned DPR values by **more than 10 per cent**, the Utility was required to provide proper justification of such cost variation/ changes in scope, BOQ, etc. to PFC / MOP along with due approval of State DRC. The cost escalation would be appraised by the PFC and shall be put up to the Steering Committee for their consideration.

**Post-award stage:**

Quantity variation of individual items may be accepted to the extent of +/- 20 per cent of the awarded Bill of quantity subject to 10 per cent of the value of the awarded project cost. In such cases, the Utility was required to provide to PFC/ MOP, proper justification of such cost variation for any changes in scope, BOQ, price etc. along with approval of their DRC (within one year from the LOI). In case, the cost increase is found justified, the recommendation of PFC shall be put up to Steering Committee for their consideration and sanction of additional project cost.

## Variations in excess/short of prescribed limits

State	Remarks
<b>Assam</b>	During invitation of bids the Utility excluded many jobs which were originally included in the DPRs of <b>Part-B</b> . Against the total project cost of ₹ 589.91 crore (excluding consumer metering cost), the Utility has tendered for an amount of ₹ 476.53 crore with an overall reduction of scope of ₹ 113.38 crore. As regards individual projects (Electrical circle-wise) the reduction was in the range between ₹ 2.69 crore and ₹ 18.69 crore. In all the towns the work relating to 'LT Clean-up' as proposed in the DPRs valuing ₹ 15.98 crore was excluded during actual execution.
<b>Bihar</b>	In all 24 cases there were variations ranging from 100 per cent to below 397 <i>per cent</i> in the approved DPRs and works actually executed, without approval from the PFC.
<b>Gujarat</b>	The details of the expenditure of Part B submitted to Audit revealed that the work executed by the DISCOMs in 14 towns (7 towns in DGVCL, 6 towns in MGVCL and 1 town in UGVCL) exceeded the quantity mentioned in the approved DPR. Even after allowing the increase in quantity by 20 <i>per cent</i> as allowed by PFC, the extra quantity executed by the DISCOMs of these towns worked out to ₹ 26.25 crore. In Jambusar town (in DGVCL) the work executed by the Company was less than 50 <i>per cent</i> value of DPR work.
<b>Jharkhand</b>	In all the 30 projects of Part A : The quantity of Boundary and Feeder meters to be executed increased by 93 <i>per cent</i> over the DPRs quantity with an additional cost of ₹ 8.44 crore (i.e. 170 <i>per cent</i> higher than the DPR cost) due to incorrect assessment of quantity in the DPRs. The quantity of Distribution Transformers installed increased by 158 <i>per cent</i> with an increase of ₹ 15.08 crore i.e. 147 <i>per cent</i> over the DPR cost.
<b>Kerala</b>	<b>Part A</b> work was awarded at quoted price of ₹ 189.94 crore which was lower by 11 <i>per cent</i> of the approved project cost of ₹ 214.38 crores. Difference between sanctioned project cost (₹ 547.51 crores) and awarded project cost (₹ 643.60 crores) in respect of distribution component of three Part B projects of Thiruvananthapuram, Kochi and Kozhikode, awarded on turnkey was higher by 18 <i>per cent</i> .
<b>Manipur</b>	The decision to install prepaid energy meters instead of tamper proof electronics meters as per the DPRs resulted in extra expenditure/liability of ₹ 5726.56 lakh.
<b>Uttar Pradesh</b>	It was noticed that quantity awarded in final BOQ varied by more than 20 <i>per cent</i> in certain components of BOQ of Baghat Town and ranged between -100 <i>per cent</i> and 683 <i>per cent</i> . We also noticed that certain works had been awarded for which zero quantity was approved in the DPR. This resulted into variation in overall project cost by (-) 16 <i>per cent</i> against the allowable limit of (+/-) 10 <i>per cent</i> in contravention of the guidelines.

## Cases of projects not executed on turnkey basis

State	Cases noted in Audit
<b>Assam</b>	The Utility while submitting the DPRs for <b>Part B</b> of R-APDRP included the scope of consumer metering along with the work of System Improvement (SI). However, during actual execution, the company segregated the scope of consumer metering from the works relating to SI.
<b>Karnataka</b>	<ul style="list-style-type: none"> <li>➤ The DISCOM (CESC) split the <b>Part B</b> works into two parts viz., (a) Electrical works and (b) Metering. Further, Metering was again split into single phase metering and three phase metering. While calling for the tender for electrical works, 12 projects were grouped into six packages based on districts and works were awarded accordingly.</li> <li>➤ GESCOM, for the purpose of execution, grouped the 21 projects based on the Division and made them into nine packages and tenders were called for on partial turnkey basis. Purchase orders were placed separately for transformers and meters.</li> </ul>
<b>Kerala</b>	40 Projects under <b>Part B</b> of the scheme were executed departmentally and not awarded on turnkey basis.
<b>Madhya Pradesh</b>	Works in 23 <b>Part B</b> projects (Central: 2, Eastern: 1 and Western: 20) were not awarded on turnkey basis.
<b>Maharashtra</b>	In procurement of meters, the work was not awarded on the turn key basis, as the Company had procured meters centrally.
<b>Telangana</b>	In 38 ( <b>Part A</b> 1 & <b>Part B</b> 37) cases, the work was not awarded on the turn key basis.
<b>Sikkim</b>	The works under <b>Part B</b> were not awarded on turnkey basis as E&PD took up the metering works departmentally.

**Annexure XII**  
(Refer to Para 4.16)

**Cases where projects have been declared as ‘Go Live’ despite low expenditure**

Sl. No.	State	Utility	Town Name	Go-Live Date	Sanction Cost	Disbursement	Percentage
1.	Uttar Pradesh	DVVNL	Tundla	Nov-13	9.73	0.35	3.60
2.	Uttar Pradesh	MVVNL	Aonla	Feb-14	0.87	0.16	18.39
3.	Uttar Pradesh	MVVNL	Baheri	Feb-14	0.68	0.13	19.12
4.	Uttar Pradesh	MVVNL	Budaun	Feb-14	2.95	0.53	17.97
5.	Uttar Pradesh	MVVNL	Ujhani	Feb-14	0.81	0.15	18.52
6.	Uttar Pradesh	MVVNL	Barabanki	Apr-14	4.91	0.94	19.14
7.	Assam	Assam	Dergaon	Jun-15	0.6	0.18	30.00
8.	Bihar	SBPDCL	Fatuha	Jun-15	0.95	0.28	29.47
9.	Bihar	NBPDCL	Hajipur	Jun-15	2.58	0.77	29.84
10.	Bihar	NBPDCL	Barauli	Jul-15	0.64	0.19	29.69
11.	Bihar	NBPDCL	Sugauli	Jul-15	0.46	0.14	30.43
12.	Bihar	SBPDCL	Makhdumpur	Jul-15	0.48	0.14	29.17
13.	Bihar	NBPDCL	Gopalganj	Jul-15	0.84	0.25	29.76
14.	Bihar	NBPDCL	Raxaul Bazar	Jul-15	0.94	0.28	29.79
15.	Bihar	NBPDCL	Samastipur	Jul-15	1.4	0.42	30.00
16.	Bihar	SBPDCL	Jehanabad	Jul-15	1.51	0.45	29.80
17.	Bihar	SBPDCL	Maner	Jul-15	0.67	0.2	29.85
18.	Bihar	NBPDCL	Darbhangha	Jul-15	3.52	1.06	30.11
19.	Bihar	NBPDCL	Gogri Jamalpur	Jul-15	0.56	0.17	30.36
20.	Bihar	NBPDCL	Khagaria	Jul-15	1.07	0.32	29.91
21.	Bihar	NBPDCL	Kishanganj	Jul-15	1.08	0.32	29.63
22.	Bihar	NBPDCL	Madhepura	Jul-15	0.89	0.27	30.34
23.	Bihar	NBPDCL	Mahnar Bazar	Jul-15	0.47	0.14	29.79

24.	Bihar	NBPDCL	Purnia	Jul-15	2.61	0.78	29.89
25.	Bihar	NBPDCL	Ramnagar	Jul-15	0.78	0.23	29.49
26.	Bihar	NBPDCL	Saharsa	Jul-15	1.12	0.34	30.36
27.	Bihar	SBPDCL	Barahiya	Aug-15	0.46	0.14	30.43
28.	Bihar	SBPDCL	Jamui	Aug-15	0.84	0.25	29.76
29.	Bihar	SBPDCL	Masaurhi	Aug-15	0.92	0.28	30.43
30.	Bihar	SBPDCL	Bakhtiarpur	Sep-15	0.61	0.18	29.51
31.	Bihar	SBPDCL	Lakhisarai	Sep-15	1.2	0.36	30.00
32.	Bihar	SBPDCL	Sheikhpura	Sep-15	0.91	0.27	29.67
33.	Bihar	NBPDCL	Begusarai	Sep-15	1.63	0.49	30.06
34.	Bihar	NBPDCL	Chapra	Sep-15	2.08	0.62	29.81
35.	Bihar	NBPDCL	Katihar	Oct-15	1.99	0.6	30.15
36.	Bihar	NBPDCL	Narkatiaganj	Oct-15	0.77	0.23	29.87
37.	Bihar	NBPDCL	Siwan	Oct-15	1.65	0.49	29.70
38.	Bihar	SBPDCL	Barbigha	Oct-15	0.47	0.14	29.79
39.	Bihar	SBPDCL	Hilsa	Oct-15	0.7	0.21	30.00
40.	Bihar	SBPDCL	Naugachhia	Oct-15	0.83	0.25	30.12
41.	Bihar	SBPDCL	Rajgir	Oct-15	0.88	0.26	29.55
42.	Bihar	SBPDCL	Sultanganj	Nov-15	0.71	0.21	29.58
43.	Bihar	SBPDCL	Barh	Dec-15	0.93	0.28	30.11
44.	Bihar	SBPDCL	Bhabua	Dec-15	0.9	0.27	30.00
45.	Bihar	SBPDCL	Mokama	Dec-15	0.68	0.2	29.41
46.	Jammu & Kashmir	J & K	Bandipore	Oct-15	0.5	0.15	30.00
47.	Jammu & Kashmir	J & K	Ranbirsinghpora	Oct-15	0.76	0.23	30.26
48.	Kerala	Kerala	Shoranur	May-14	0.87	0.26	29.89
49.	Kerala	Kerala	Chalakydy	Feb-15	1.37	0.41	29.93
50.	Kerala	Kerala	Changanassery	Feb-15	1.19	0.36	30.25
51.	Kerala	Kerala	Chockli	Feb-15	1.37	0.41	29.93
52.	Kerala	Kerala	Neyyattinkara	Feb-15	1.21	0.36	29.75
53.	Kerala	Kerala	Ottappalam	Feb-15	0.73	0.22	30.14
54.	Kerala	Kerala	Palakkad	Feb-15	4.78	1.43	29.92
55.	Kerala	Kerala	Payyannur	Feb-15	1.78	0.53	29.78
56.	Kerala	Kerala	Ponnani	Feb-15	1.37	0.41	29.93
57.	Kerala	Kerala	Thiruvalla	Feb-15	2.52	0.76	30.16
58.	Kerala	Kerala	Thodupuzha	Feb-15	1.68	0.5	29.76

59.	Kerala	Kerala	Guruvayoor	Apr-15	2.55	0.77	30.20
60.	Kerala	Kerala	Mattannur	Apr-15	1.25	0.38	30.40
61.	Kerala	Kerala	Nedumangad	Apr-15	1.32	0.4	30.30
62.	Kerala	Kerala	Punalur	Apr-15	1.11	0.33	29.73
63.	Kerala	Kerala	Pathanamthitta	May-15	1.12	0.34	30.36
64.	Kerala	Kerala	Attingal	Jun-15	1.4	0.42	30.00
65.	Kerala	Kerala	Chittur- Thathamangalam	Jun-15	1.81	0.54	29.83
66.	Kerala	Kerala	Kodungallur	Jun-15	1.81	0.54	29.83
67.	Kerala	Kerala	Malappuram	Jun-15	1.74	0.52	29.89
68.	Kerala	Kerala	Perinthalmanna	Jun-15	1.71	0.51	29.82
69.	Kerala	Kerala	Taliparamba	Jun-15	1.43	0.43	30.07
70.	Kerala	Kerala	Kasaragod	Jul-15	1.89	0.57	30.16
71.	Kerala	Kerala	Kunnamkulam	Jul-15	1.78	0.53	29.78
72.	Kerala	Kerala	Pappinisseri	Jul-15	1.03	0.31	30.10
73.	Kerala	Kerala	Varkala	Jul-15	1.19	0.36	30.25
74.	Kerala	Kerala	Aroor	Aug-15	1.22	0.37	30.33
75.	Kerala	Kerala	Kayamkulam	Aug-15	2.54	0.76	29.92
76.	Kerala	Kerala	Kothamangalam	Aug-15	1.11	0.33	29.73
77.	Kerala	Kerala	Paravoor	Aug-15	0.76	0.23	30.26
78.	Kerala	Kerala	Kollam	Sep-15	6.67	2	29.99
79.	Kerala	Kerala	Kanhangad	Sep-15	2.75	0.83	30.18
80.	Kerala	Kerala	Kottayam	Sep-15	5.62	1.69	30.07
81.	Kerala	Kerala	Thrissur	Sep-15	4.84	1.45	29.96
82.	Kerala	Kerala	Tirur	Sep-15	2.65	0.8	30.19
83.	Kerala	Kerala	Kannur	Oct-15	5.55	1.67	30.09
84.	Kerala	Kerala	Koyilandy	Oct-15	1.78	0.53	29.78
85.	Kerala	Kerala	Vadakara	Oct-15	2.74	0.82	29.93
86.	Kerala	Kerala	Alappuzha	Nov-15	4.02	1.21	30.10
87.	Kerala	Kerala	Cherthala	Nov-15	2.32	0.7	30.17
88.	Kerala	Kerala	Kochi	Nov-15	52.49	15.75	30.01
89.	Kerala	Kerala	Kozhikode	Nov-15	13.69	4.11	30.02

90.	Kerala	Kerala	Thiruvananthapuram	Nov-15	61.03	18.31	30.00
91.	Madhya Pradesh	MPPKVVCL - E	Nowgaon	Oct-13	1.03	0.24	23.30
92.	Manipur	Manipur	Ningthoukhong	Nov-14	0.38	0.11	28.95
93.	Manipur	Manipur	Thoubal	Nov-14	0.91	0.27	29.67
94.	Manipur	Manipur	Bishnupur	Feb-15	0.68	0.2	29.41
95.	Manipur	Manipur	Moirang	Feb-15	0.63	0.19	30.16
96.	Manipur	Manipur	Kakching	Dec-15	0.9	0.27	30.00
97.	Meghalaya	Meghalaya	Jowai	Jul-15	1.67	0.5	29.94
98.	Meghalaya	Meghalaya	Cherrapunjee	Dec-15	0.7	0.21	30.00
99.	Mizoram	Mizoram	Kolasib	Jul-15	1.19	0.36	30.25
100.	Rajasthan	JoVVNL	Pipar City	Sep-13	0.74	0.22	29.73
101.	Tamil Nadu	TANGEDCO	Gobichettipalayam	Jan-14	1.17	0.35	29.91
102.	Tamil Nadu	TANGEDCO	Sathyamangalam	17-Feb-14	1.08	0.32	29.63
103.	Tamil Nadu	TANGEDCO	Namakkal	28-Mar-14	1.32	0.4	30.30
104.	Tamil Nadu	TANGEDCO	Rasipuram	28-Mar-14	0.88	0.26	29.55
105.	Tamil Nadu	TANGEDCO	Ambur	07-Apr-14	1.51	0.45	29.80
106.	Tamil Nadu	TANGEDCO	Gudiyatham	07-Apr-14	1.42	0.43	30.28
107.	Tamil Nadu	TANGEDCO	Melvisharam	07-Apr-14	0.66	0.2	30.30
108.	Tamil Nadu	TANGEDCO	Pernampattu	07-Apr-14	0.81	0.24	29.63
109.	Tamil Nadu	TANGEDCO	Arcot	05-May-14	0.9	0.27	30.00
110.	Tamil Nadu	TANGEDCO	Tiruttani	05-May-14	1.03	0.3	29.13
111.	Tamil Nadu	TANGEDCO	Karur	29-May-14	3.74	1.12	29.95
112.	Tamil Nadu	TANGEDCO	Chengalpattu	16-Jun-14	1.16	0.35	30.17
113.	Tamil Nadu	TANGEDCO	Maraimalainagar	16-Jun-14	1.48	0.44	29.73
114.	Tamil Nadu	TANGEDCO	Tirupathur	27-Oct-14	0.94	0.28	29.79
115.	Tamil Nadu	TANGEDCO	Vaniyambadi	27-Oct-14	1.36	0.41	30.15
116.	Tamil Nadu	TANGEDCO	Mallasamudram	05-Nov-14	0.64	0.19	29.69



117.	Tamil Nadu	TANGEDCO	Tiruchengode	05-Nov-14	2.15	0.65	30.23
118.	Tamil Nadu	TANGEDCO	Chidambaram	10-Nov-14	0.95	0.28	29.47
119.	Tamil Nadu	TANGEDCO	Cuddalore	10-Nov-14	3.34	1.01	30.24
120.	Tamil Nadu	TANGEDCO	Viluppuram	10-Nov-14	1.69	0.5	29.59
121.	Tamil Nadu	TANGEDCO	Chinnamanur	17-Nov-14	0.78	0.23	29.49
122.	Tamil Nadu	TANGEDCO	Gudalur	17-Nov-14	1.08	0.32	29.63
123.	Tamil Nadu	TANGEDCO	Kambam	17-Nov-14	0.85	0.25	29.41
124.	Tamil Nadu	TANGEDCO	Periyakulam	17-Nov-14	0.77	0.23	29.87
125.	Tamil Nadu	TANGEDCO	Sivaganga	17-Nov-14	1.07	0.32	29.91
126.	Tamil Nadu	TANGEDCO	Theni Allinagaram	17-Nov-14	1.62	0.48	29.63
127.	Tamil Nadu	TANGEDCO	Aranthangi	24-Nov-14	0.86	0.26	30.23
128.	Tamil Nadu	TANGEDCO	Manapparai	24-Nov-14	0.87	0.26	29.89
129.	Tamil Nadu	TANGEDCO	Pattukkottai	24-Nov-14	1.3	0.39	30.00
130.	Tamil Nadu	TANGEDCO	Perambalur	24-Nov-14	1.04	0.31	29.81
131.	Tamil Nadu	TANGEDCO	Dharapuram	15-Dec-14	1.01	0.3	29.70
132.	Tamil Nadu	TANGEDCO	Palladam	15-Dec-14	1.75	0.53	30.29
133.	Tamil Nadu	TANGEDCO	Udumalaipettai	15-Dec-14	1.41	0.42	29.79
134.	Tamil Nadu	TANGEDCO	Vellokoil	15-Dec-14	1.35	0.41	30.37
135.	Tamil Nadu	TANGEDCO	Attur	23-Feb-15	1.48	0.44	29.73
136.	Tamil Nadu	TANGEDCO	Edappadi	23-Feb-15	1.06	0.31	29.25
137.	Tamil Nadu	TANGEDCO	Mettur	23-Feb-15	1.25	0.38	30.40
138.	Tamil Nadu	TANGEDCO	Ambasamudram	27-Apr-15	0.82	0.25	30.49
139.	Tamil Nadu	TANGEDCO	Kadayanallur	27-Apr-15	1.39	0.42	30.22
140.	Tamil Nadu	TANGEDCO	Puliyankudi	27-Apr-15	0.99	0.3	30.30

141.	Tamil Nadu	TANGEDCO	Sankarankoil	27-Apr-15	1.22	0.37	30.33
142.	Tamil Nadu	TANGEDCO	Tenkasi	27-Apr-15	1.38	0.41	29.71
143.	Tamil Nadu	TANGEDCO	Vikramasingapuram	27-Apr-15	0.84	0.25	29.76
144.	Tamil Nadu	TANGEDCO	Arani	04-May-15	1.16	0.35	30.17
145.	Tamil Nadu	TANGEDCO	Erode	04-May-15	6.35	1.89	29.76
146.	Tamil Nadu	TANGEDCO	Periyasemur	04-May-15	0.87	0.26	29.89
147.	Tamil Nadu	TANGEDCO	Tindivanam	11-May-15	1.35	0.41	30.37
148.	Tamil Nadu	TANGEDCO	Tiruvannamalai	11-May-15	2.43	0.73	30.04
149.	Tamil Nadu	TANGEDCO	Tiruvethipuram	11-May-15	0.8	0.24	30.00
150.	Tamil Nadu	TANGEDCO	Virudhachalam	11-May-15	1.48	0.44	29.73
151.	Tamil Nadu	TANGEDCO	Kallakkurichi	18-May-15	1.16	0.35	30.17
152.	Tamil Nadu	TANGEDCO	Aruppukkottai	09-Jul-15	1.6	0.48	30.00
153.	Tamil Nadu	TANGEDCO	Sattur	09-Jul-15	0.81	0.24	29.63
154.	Tamil Nadu	TANGEDCO	Srivilliputhur	09-Jul-15	1.42	0.43	30.28
155.	Tamil Nadu	TANGEDCO	Rajapalayam	13-Jul-15	7.08	2.12	29.94
156.	Tamil Nadu	TANGEDCO	Sivakasi	13-Jul-15	1.96	0.59	30.10
157.	Tamil Nadu	TANGEDCO	Virudhunagar	13-Jul-15	1.79	0.54	30.17
158.	Tamil Nadu	TANGEDCO	Tirunelveli	20-Jul-15	8.27	2.48	29.99
159.	Tamil Nadu	TANGEDCO	Bodinayakanur	10-Aug-15	1.06	0.31	29.25
160.	Tamil Nadu	TANGEDCO	Melur	10-Aug-15	0.74	0.22	29.73
161.	Tamil Nadu	TANGEDCO	Thirumangalam	10-Aug-15	1.16	0.35	30.17
162.	Tripura	Tripura	Indranagar (Part)	Nov-13	0.57	0.17	29.82
163.	Tripura	Tripura	Ranirbazar	May-14	0.56	0.17	30.36
164.	Tripura	Tripura	Belonia	Sep-14	0.64	0.19	29.69
165.	Tripura	Tripura	Jogendranagar	Sep-14	0.78	0.23	29.49
166.	Tripura	Tripura	Sonamura	Sep-14	0.69	0.21	30.43

167.	Tripura	Tripura	Agartala	Nov-14	20.71	6.21	29.99
168.	Tripura	Tripura	Pratapgarh	Nov-14	0.48	0.14	29.17
169.	Tripura	Tripura	Teliamura	Nov-14	0.81	0.24	29.63
170.	Tripura	Tripura	Khowai	Mar-15	0.72	0.21	29.17
171.	Tripura	Tripura	Kailasahar	Mar-15	0.83	0.25	30.12
172.	Tripura	Tripura	Gandhigram	Mar-15	0.3	0.09	30.00
173.	Tripura	Tripura	Badharghat	Mar-15	1.67	0.5	29.94
174.	Tripura	Tripura	Dharmanagar	Mar-15	1.06	0.32	30.19
175.	Tripura	Tripura	Kumarghat	Mar-15	3.68	1.1	29.89
176.	Tripura	Tripura	Udai Pur	Mar-15	1.05	0.32	30.48
177.	Uttar Pradesh	PoVVNL	Obra	Jun-13	0.77	0.17	22.08
178.	Uttar Pradesh	MVVNL	Kakrala	Oct-13	0.33	0.09	27.27
179.	Uttar Pradesh	MVVNL	Mahmudabad	Oct-13	0.73	0.21	28.77
180.	Uttar Pradesh	PoVVNL	Kopaganj	Jan-14	1.13	0.3	26.55
181.	Uttar Pradesh	MVVNL	Laharpur	Feb-14	0.67	0.17	25.37
182.	Uttar Pradesh	MVVNL	Palia Kalan	Feb-14	0.93	0.28	30.11
183.	Uttar Pradesh	MVVNL	Bahraich	Apr-14	3.57	1.04	29.13
184.	Uttar Pradesh	MVVNL	Bangarmau	Apr-14	0.78	0.22	28.21
185.	Uttar Pradesh	PaVVNL	Tanda.	Apr-14	0.79	0.23	29.11
186.	Uttar Pradesh	MVVNL	Akbarpur	Jul-14	1.91	0.54	28.27
187.	Uttar Pradesh	PoVVNL	Mughalsarai	May-15	3.06	0.61	19.93
188.	Uttar Pradesh	PaVVNL	Loni	Jun-15	9.59	2.32	24.19
189.	Uttar Pradesh	DVVNL	Mathura	Jul-15	12.48	2.63	21.07

A T&C Losses for the year 2008-09 to 2010-11 (in per cent)

S.No	State	2008-09				2009-10			2010-11		
		14 <sup>th</sup> Standing Committee on Energy (2010-11) March 2011	12 <sup>th</sup> Five Year Plan (May 2013)	Annex referred to in reply to parts (c) & (d) of un-starred question no. 5892 to be answered in the Lok Sabha on 02.05.2013	5 <sup>th</sup> Standing Committee on Energy 2014-15 16th Lok Sabha April 2015	12 <sup>th</sup> Five Year Plan (May 2013)	Annex referred to in reply to parts (c) & (d) of un-starred question No. 5892 to be answered in the Lok Sabha on 02.05.2013	5 <sup>th</sup> Standing Committee on Energy 2014-15 Sixteenth Lok Sabha April 2015	12 <sup>th</sup> Five Year Plan (May 2013) <u>Provisional Figures</u>	Annex referred to in reply to parts (c) & (d) of un-starred question no. 5892 to be answered in the Lok Sabha on 02.05.2013	5 <sup>th</sup> Standing Committee on Energy 2014-15 Sixteenth Lok Sabha April 2015
1.	Andhra Pradesh	12.99	19.39	12.99	12.99	18.32	16.43	16.43	16.78	17.50	17.50
2.	Arunachal Pradesh	60.15	74.27	60.15	60.15	63.14	58.82	58.82	65.48	61.45	61.45
3.	Assam	20.32	35.37	32.68	32.68	38.24	29.31	56.19	45.13	29.19	28.71
4.	Bihar	34.37	41.66	34.37	34.37	42.39	43.92	43.92	49.99	47.44	47.44
5.	Chhattisgarh	32.45	37.78	32.73	32.73	46.62	36.28	40.04	36.41	28.64	28.84
6.	Delhi	17.97	17.92	17.92	17.92	20.78	20.78	20.78	15.76	15.76	15.76
7.	Goa	17.17	17.81	21.69	21.69	16.18	6.12	6.12	15.57	14.08	14.08
8.	Gujarat	22.05	25.46	22.04	22.04	26.87	22.81	22.81	18.25	16.89	16.89

9.	Haryana	33.29	28.43	33.29	33.29	29.50	29.32	29.32	26.72	28.02	28.02
10.	Himachal Pradesh	12.85	16.20	12.85	12.85	17.39	18.46	18.46	13.53	15.72	14.70
11.	Jammu & Kashmir	69.05	70.69	69.05	69.05	72.03	70.44	70.44	74.30	72.86	72.86
12.	Jharkhand	59.00	54.23	54.16	62.80	49.07	10.21	10.43	45.11	46.79	46.79
13.	Karnataka	25.68	24.79	24.94	24.94	23.69	25.34	25.34	23.64	23.71	23.71
14.	Kerala	21.61	34.98	21.61	21.61	28.81	14.90	14.90	29.72	14.09	14.09
15.	Madhya Pradesh	61.05	45.78	46.61	46.61	42.93	41.03	41.03	41.10	37.28	37.28
16.	Maharashtra	31.19	28.75	31.19	31.19	27.44	25.02	25.02	23.47	23.30	23.30
17.	Manipur	81.01	83.55	81.32	81.32	69.23	47.55	47.55	67.74	40.17	40.17
18.	Meghalaya	43.37	35.27	43.37	43.37	43.19	48.77	48.77	37.93	51.63	51.63
19.	Mizoram	41.01	46.43	41.08	41.08	42.89	38.95	38.95	42.08	41.00	43.09
20.	Nagaland	48.69	55.85	44.12	44.12	58.02	46.16	65.36	55.98	50.07	49.73
21.	Odisha	39.43	42.20	42.20	42.20	39.71	39.70	39.70	44.35	44.35	45.60
22.	Puducherry	18.47	Not available	18.47	18.47	Not available	19.35	19.35	Not available	14.43	14.43
23.	Punjab	18.96	19.76	18.51	18.51	19.97	17.73	17.73	18.35	17.47	19.64
24.	Rajasthan	29.52	32.99	29.83	29.83	33.06	30.07	30.07	25.60	24.19	24.66
25.	Sikkim	56.86	46.81	46.81	46.81	51.37	55.36	59.31	46.81	51.96	65.46
26.	Tamil Nadu	15.33	20.19	14.39	14.39	19.11	18.87	18.87	18.27	19.90	19.49
27.	Tripura	31.98	40.08	31.91	31.91	37.52	29.16	29.16	41.19	34.48	34.48
28.	Uttar Pradesh	40.32	35.29	35.04	34.90	36.69	35.73	34.45	37.86	40.29	42.94
29.	Uttarakhand	35.37	29.35	39.89	39.89	28.61	28.35	28.35	29.17	28.48	28.48
30.	West Bengal	22.73	28.81	25.81	25.81	26.13	33.24	33.24	28.87	27.40	27.40

**Annexure – XIV**  
(Refer to Para 5.3)

**AT&C Losses for the year 2011-12 and 2012-13 (in per cent)**

SI No.	States	2011-12		2012-13	
		Fifth Report of Standing Committee on Energy (2014-15) 16th Lok Sabha- Ministry of Power -Demands for grants 2015-16 (April 2015)	Report on "The Performance of State Power Utilities for the years 2011-12 to 2013-14" (July 2015)	Fifth Report of Standing Committee on Energy (2014-15) 16th Lok Sabha- Ministry of Power -Demands for grants 2015-16 (April 2015)	Report on "The Performance of State Power Utilities for the years 2011-12 to 2013-14" (July 2015)
1.	Andhra Pradesh	15.27	15.27	<b>13.63</b>	<b>13.70</b>
2.	Arunachal Pradesh	65.55	65.55	60.26	60.26
3.	Assam	29.47	29.47	31.85	31.85
4.	Bihar	59.24	59.24	<b>54.63</b>	<b>47.44</b>
5.	Chhattisgarh	29.05	29.05	25.12	25.12
6.	Delhi	18.56	18.56	15.22	15.22
7.	Goa	15.12	15.12	14.14	14.14
8.	Gujarat	19.26	19.26	19.87	19.87
9.	Haryana	28.27	28.27	32.55	32.55
10.	H.P.	18.04	18.04	<b>9.53</b>	<b>11.90</b>
11.	J&K	71.16	71.16	60.87	60.87
12.	Jharkhand	<b>42.77</b>	<b>42.76</b>	47.49	47.49
13.	Karnataka	23.29	23.29	20.78	20.78

14.	Kerala	12.17	12.17	<b>10.53</b>	<b>12.32</b>
15.	Madhya Pradesh	38.26	38.26	31.15	31.15
16.	Maharashtra	21.63	21.63	21.95	21.95
17.	Manipur	44.80	44.80	85.49	85.49
18.	Meghalaya	<b>44.85</b>	<b>45.33</b>	<b>26.60</b>	<b>36.25</b>
19.	Mizoram	36.59	36.59	27.55	27.55
20.	Nagaland	22.85	22.85	75.30	75.30
21.	Odisha	44.66	44.66	<b>42.94</b>	<b>42.88</b>
22.	Puducherry	18.91	18.91	9.13	9.13
23.	Punjab	18.96	18.96	<b>17.66</b>	<b>17.52</b>
24.	Rajasthan	24.81	24.81	20.00	20.00
25.	Sikkim	58.32	58.32	53.51	53.51
26.	Tamil Nadu	21.70	21.70	<b>20.72</b>	<b>20.71</b>
27.	Tripura	33.76	33.76	<b>33.85</b>	<b>24.86</b>
28.	Uttar Pradesh	41.95	41.95	42.85	42.85
29.	Uttarakhand	25.84	25.84	23.18	23.18
30.	West Bengal	32.90	32.90	34.43	34.43

## Status of DT Metering and Feeder Metering

Sl. No.	Name of States	11kV Feeders						Distribution Transformer					
		2008-09			2014-15			2008-09			2014-15		
		Numbers	Metered	%age	Numbers	Metered	%age	Numbers	Metered	%age	Numbers	Metered	%age
1.	Andhra Pradesh	985	932	94.62	1,484	1,484	100	28,709	5,988	20.86	47,921	49,586	103.47
2.	Assam	<b>R-APDRP works not started</b>			539	539	100	<b>R-APDRP works not started</b>			5,624	5,624	100
3.	Bihar <sup>2</sup>	182	102	56.04	755	715	94.70	4,065	1,395	34	15,127	12,473	82.45
4.	Chhattisgarh	500	391	78.20	700	688	98.29	9,201	2,761	30.01	11,214	10,127	90.31
5.	Goa	227	227	100	275	275	100	4,081	0	0	5,900	4,709	79.81
6.	Gujarat	5,895	5,895	100	7,984	7,984	100	2,24,086	1,53,712	68.60	4,31,303	3,43,437	79.63
7.	Haryana	1,452	1,452	100	1,575	1,575	100	18,569	2,828	15.23	35,109	27,076	77.12
8.	Himachal Pradesh	135	135	100	165	165	100	2,015	1,960	97.27	2,906	2,887	99.34
9.	J&K	621	282	45.41	1,371	269	19.62	9,588	0	0	9,588	685	7.31
10.	Jharkhand	342	229	66.96	413	413	100	10,195	6,261	61.41	10,040	10,040	100
11.	Karnataka	1,227	299	24.37	488	1,858	380.74	23,852	8,699	36.47	58,483	53,066	90.74
12.	Kerala	1,752	1,752	100	2,021	2,021	100	46,955	15,943	34	71,199	38,698	54
13.	Madhya Pradesh	26,945	24,467	90.80	42,083	41,640	98.94	1,02,482	25,435	24.82	1,92,317	70,849	36.84

<sup>2</sup> Information for 2008-09 is only for one utility



14.	Maharashtra <sup>3</sup>	9,380	6,851	73.04	17,093	16,156	94.52	3,59,543	2,33,754	65.01	4,50,492	2,31,275	51.34
15.	Manipur	No data available	No data available	No data available	71	71	100	Nil	Nil	-----	1,168	1,081	92.55
16.	Meghalaya	113	75	66.37	122	122	100	928	455	49.03	1,682	1,682	100
17.	Mizoram	147	145	98.64	215	170	79.07	1,273	0	0	1,752	850	49.00
18.	Nagaland	198	80	40	260	158 (including 78 under R- APDRP)	61	1,694	453	27	3,604	1,638 (including 1,185 under R- APDRP)	45
19.	Odisha	Base year is 2012-13. Tenders are in the final stage of award										NA	
20.	Puducherry	40	0	0	60	0	0	960	0	0	1,416	950	67.09
21.	Punjab	1,032	1,032	100	1,568	1,568	100	24,301	N.A.	N.A.	39,591	31,358	79.2
22.	Rajasthan	2,064	1,768	85.66	3,058	2,652	86.72	35,204	8,697	24.70	54,398	15,143	27.84
23.	Sikkim	56	23	41.07	65	65	100	237	57	24.05	328	258	78.66
24.	Tamil Nadu	704	704	100	2,285	2,285	100	29,994	NIL	0	48,244	48,244	100
25.	Telangana	1,337	1,337	100	1,787	1,787	100	39,176	7,024	17.92	50,870	50,870	100
26.	Tripura	72	72	100	86	86	100	1,409	1,110	78.77	1,280	1,059	82.73
27.	Uttar Pradesh	4,224	2,322	54.97	3,331	3,065	92.01	1,40,833	1,14,804	81.52	43,441	28,463	65.52
28.	Uttarakhand	519	516	99.42	662	662	100	3,618	1,724	47.65	5,680	4,360	76.76
29.	West Bengal	NA	NA	NA	3,337	3,170	95	85,145	15,000	17.62	1,99,289	38,124	19.13

<sup>3</sup> The figures or 2008-09 and 2014-15 pertains to Maharashtra state as a whole.

## Status of consumer metering

Sl. No	Name of States	2008-09			2014-15		
		Numbers	Metered	Percentage	Numbers	Metered	Percentage
1.	Andhra Pradesh	12,34,159	12,34,159	100	14,25,368	14,25,368	100
2.	Assam	Consumer metering not started			7,62,101	7,62,101	100
3.	Bihar	3,80,919 <sup>4</sup>	3,44,902	90.54	24,95,249	23,52,966	94.30
4.	Chhattisgarh	6,76,050	6,76,050	100	8,78,129	8,78,129	100
5.	Goa	5,29,773	5,27,336	99.54	5,83,694	5,81,441	99.61
6.	Gujarat	79,82,367	77,53,964	97.14	1,04,38,509	1,02,13,107	97.84
7.	Haryana	14,92,595	14,92,595	100	17,40,286	17,40,286	100
8.	Himachal Pradesh	2,73,875	2,73,875	100	3,19,538	3,19,538	100
9.	J&K	11,82,548	4,17,077	35.26	15,85,149	8,14,345	51.37
10.	Jharkhand	6,16,322	5,37,252	87.17	N A	N A	N A
11.	Kerala	93,63,461	93,63,461	100	1,14,58,301	1,14,58,301	100
12.	Karnataka	10,13,426	10,13,426	100	20,55,697	20,55,697	100
13.	Madhya Pradesh	23,02,740	22,70,488	98.64	51,01,914	30,33,066	59.45

<sup>4</sup> Information in respect of one Utility.

14.	Maharashtra <sup>5</sup>	1,68,09,590	1,53,68,271	91.42	2,30,35,775	2,14,33,928	93.05
15.	Manipur	1,83,686	1,65,270 (i/c defective)	89.97	2,58,484	1,94,867	75.39
16.	Meghalaya	86,683	79,646	91.88	1,28,688	1,26,582	98.36
17.	Mizoram	1,58,289	1,49,186	94.25	2,03,220	1,95,581	96.24
18.	Nagaland	1,80,000	1,75,000	97	2,40,626	2,32,171	96
19.	Odisha	-	-	-	-	-	-
20.	Puducherry	165	66	40	197	125	63.45
21.	Punjab	20,56,262	20,56,262	100	21,97,838	21,97,838	100
22.	Rajasthan	24,19,606	24,19,597	99.99	36,53,583	36,53,154	99.99
23.	Sikkim	12,527	10,131	80.87	15,771	14,459	91.68
24.	Tamil Nadu	63,26,000	63,26,000	100	85,26,000	85,26,000	100
25.	Telangana	34,33,225	34,33,225	100	38,64,941	38,64,941	100
26.	Tripura	1,34,089	1,34,089	100	2,73,247	2,73,247	100
27.	Uttar Pradesh	28,15,611	27,77,384	98.63	37,56,833	37,56,833	100
28.	Uttarakhand	4,41,542	4,41,484	99.99	5,85,247	5,85,247	100
29.	West Bengal	68,35,269	58,09,979	85	1,50,99,540	1,50,91,440	99.94

<sup>5</sup> The figures of 2008-09 and 2014-15 pertain to Maharashtra state as a whole

## Setting up of Special Court

Name of State	Date of Setting up of Special Court	Nos. of offences recorded since April 2008 to March 2015	Nos. of cases in which trial conducted	Nos. of cases in which penalties imposed	Nos. of cases pending for decisions	Duration of pendency of each case.
<b>Andhra Pradesh (APEPDCL)</b>	18.10.2003	26,660	47	22,613	39	7 months to 4 years 10 months
<b>Andhra Pradesh (APSPDCL)</b>	18.10.2003	87,291	0	87,291	2	More than 2 years
<b>Assam</b>	15-10-2005	1,862	154	1,708	Nil	NA
<b>Bihar</b>	20-11-2009	890 <sup>6</sup>	NA	468	NA	NA
<b>Chhattisgarh</b>	16 and 5 special courts were set up on 5/1/2007 and 22/6/2013 respectively	48,113	9,981	521	9,460	NA

<sup>6</sup> Special courts have been set up at Gaya, Muzzaferpur and Patna. Information in respect of Gaya and Patna are not available.

<b>Goa</b>	Not Established	Information furnished as 'NIL'	Not Applicable	Not Applicable	Not Applicable	Not Applicable
<b>Gujarat</b>	21-06-04	DGVCL -65,818	1,333	65,818	1,077	1 to 6 years
	21-06-04	MGVCL -35,763	753	34,037	265	1 to 6 years
	21-06-04	PGVCL -143270	17,595	1,43,270	4,256	1 to 6 years
	21-06-04	UGVCL- 11017	135	1,279	126	1 to 6 years
<b>Haryana</b>	Special court not set up in Haryana	N.A.	N.A.	N.A.	N.A.	N.A.
<b>Himachal Pradesh</b>	21-10-2005	Nil	Nil	Nil	Nil	Nil
<b>J&amp;K</b>	No court established	Nil	Nil	Nil	Nil	Nil
<b>Jharkhand</b>	23.7.2010 <sup>7</sup>	N.A	N.A	N.A	N.A	N.A
<b>Karnataka<sup>8</sup></b>	10.11.2003	13,523	13,523	13,523	460	1 year to 6 years
<b>Kerala</b>	11.7.2007	22,646	53	3,263	53	From 6 months to 4 years

<sup>7</sup> 23-07-2010 Special courts have been set up at Ranchi, Jamshedpur, Dhanbad, Hazaribagh, Dumka, Medininagar Districts

<sup>8</sup> Information pertaining to only one utility BESCO,

<b>Madhya Pradesh<sup>9</sup></b>	Not furnished	(MPMKVVCL, Bhopal)- 3,35,280 <sup>10</sup>	<b>Not furnished</b>	3,35,280 <sup>11</sup>	67,999	<b>Not furnished</b>
	40 numbers of special courts were opened under Eastern Discom during the period from 2004 to 2014-15 as furnished by management	Eastern DISCOM- 84,403	64,466	16,426	67,977	Case wise pendency was not furnished by the management. However it was stated that duration of pendency varies from case to case and generally the cases were decided in three years period
	16-09-2010	(MPPKVVCL, Indore) <sup>12</sup> 35,118	18,067	8	7,702	
<b>Maharashtra</b>	29-12-05	Kalyan – 28,338	397	0	397	
		Nasik – 12,330	299	0	299	
		Pune – 3,334	355	173	182	
		Latur – 12,363	170	8	162	
		Nagpur – 13,747	479	0	479	
		Jalna – 30,529	597	0	597	
<b>Manipur</b>	Jun-04	489	461	461	28	6-8 months
<b>Meghalaya</b>	03-Aug-06	4	4	4	Nil	--
<b>Mizoram</b>	08 .02.2012	NIL	NIL		NIL	NIL

<sup>9</sup> Information in respect of establishing the case pending in court in respect of MPMKVVCL was not furnished

<sup>10</sup> From 2009 to 2015

<sup>11</sup> From 2009 to 2015 by company

<sup>12</sup> Information in respect of establishing the case pending in court in respect of MPMKVVCL was not furnished

<b>Nagaland</b>	14.08.2006	NIL	NIL		NIL	NIL
<b>Odisha</b>	2007	2881	258	82	2,623	April 2008 to March 2015
<b>Puducherry</b>	08.09.2010	1	---	---	1	48 months
<b>Punjab</b>	3-12-2008	11,987	819	179	434	--
<b>Rajasthan</b>	May 2004	Jodhpur-13879	753	12,489	637	NA
	NA	Ajmer-1238	557	132	681	6-7 years
<b>Sikkim</b>	03.05.2006	Nil	Nil	Nil	Nil	Nil
<b>Tamil Nadu</b>	05.10.2006	22	10	3	19	1-6 years
<b>Telangana</b>	18.10.2003	TSSPDCL -2,24,051	228	70	77	1 month to 7 years
	2000-03	TSNPDCCL -57	56	27	2	0 to 2 years
<b>Tripura</b>	02.08.2004	Not furnished	Not furnished	Not furnished	Not furnished	Not furnished
<b>Uttar Pradesh</b>	31.08.2004	MVVNL -7,213	7,213	5,375	1,838	Establishment of duration of pendency of each cases is not feasible.
	31.08.2004	PVNNL- NA	NA	NA	NA	
	31.08.2004	PuVVNL- NA	NA	NA	NA	
	31.08.2004	DVVNL -NA	NA	NA	NA	
<b>Uttarakhand</b>	24-09-04	4,697	2,542	2,230	419	08 to 36 months
<b>West Bengal</b>	NA	17,410	10,230	90	NA	NA