



Review, Planning & Monitoring Meeting

Integrated Power Development Scheme

15-Sep-2016





Presentation Outline



- IPDS Implementation – Compliances, NIT, Funds
- IT enablement - Progress, Verification, Phase II
- Feeder Monitoring
- Part B, SCADA progress
- URJA App
- Issues being flagged



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IPDS at a Glance



Sanction

- **Rs 25,880 Cr** for Urban System Strengthening
- 3597 Towns in 30 States /UTs
- DPRs for **IT enablement** in **2600 towns** being expedited

Disbursement

- Budget provision of **Rs 5,500 Cr** for FY 2016-17 (including subsumed R-APDRP)
- **Rs. 1527 Cr** already released by MoP
- **Funds being transferred** by PFC through **PFMS**

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IPDS compliances pending



Sanction

Issue of formal sanction of Rs. 405 Cr. held-up

- **WB** (Rs.175 cr) : DEC consent awaited for one Circle
- **Delhi** (Rs 198 cr) : AT&C loss Trajectory
- **Goa** (Rs.32 cr) : Submission of re-casted DPR

TPA

Tripartite Agreement (14/60)

- Delhi, Goa , Jharkhand , J&K , Maharashtra (BEST), Sikkim, Arunachal Pradesh , Nagaland, Meghalaya, Mizoram

PMA

Project Management Agency (14/60)

- Delhi, Goa, J&K, Kerala (CPT), Maharashtra (BEST), Puducherry, Tamil Nadu, Arunachal Pradesh, Meghalaya, Mizoram, Nagaland

States to expedite IPDS Compliances



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NIT for IPDS projects



• Mode of Tendering

- Full turnkey : 26 Discoms
- Partial Turnkey : 23 Discoms
- Departmental : 6 Discoms –Guj (4), Ker (2)

• Status of Award/Tender

- Work awarded by
 - Gujarat (MGVCL) – Departmental
 - AP, Manipur , UP (except KESCO) - Partial Turnkey

	Turnkey	Partial Turnkey
NIT floated	Bihar, Kar (BESCOM), MH, MP, Pb, Odisha, Raj , Assam	CG, Telgna (TSSPDCL), UK, WB
Under preparation	Har, HP, J&K, Kar (4 Discoms), WB (DPL), NE States (Arnl P, Megh, Mizo, Nagaland)	Jharkhand, Best (MH), Puducherry, Tripura, TN, Telgna (TSNPDCL)

States to expedite award of IPDS projects



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Disbursement of Funds



IPDS Grant (FY 2016-17)

Rs. cr

IPDS GRANT	Budget for FY 2016-17	Funds already released	Claims with MoP	Claims with PFC	1 st Tranche claims awaited	2 nd Tranche claims to be expedited
NER States	157	0	0	0	26	131
Non NER States	2762	911	19	35	305	1492
Total	2919	911	19	35	331	1623

- **1st Tranche request awaited from** - J&K, Kerala (CPT), Odisha, Raj (AjVVNL, JdVVNL), Maha (BEST), TN, Jharkhand, WB (Raiganj Circle), Arunl Pr., Megh, Mizo, Naga, Puducherry
- **Next 20% is payable upon issuance of LOA by the Utilities**



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Disbursement of Funds



IPDS Loan : R-APDRP (FY 2016-17)

Rs. cr

RAPDRP LOAN	Budget for FY 2016-17	Funds already released	Claims with MoP	Claims with PFC	Balance claims	
					Part-A	Part-B
NER States	197	136	0	0	37	24
Non NER States	2384	442	0	25	976	941
Total	2581	578	0	25	1013	965

- **Part A claims are expected from** - Bihar, Guj, , J&K, Jharkhand, Karnataka, Punjab, Raj., Telangana, UP, UK and Assam
- **Part B claims are expected from** - AP, Telangana, Guj, Jharkhand, Kerala, MP, Punjab, Raj., UP, WB, UK, Manipur and Tripura



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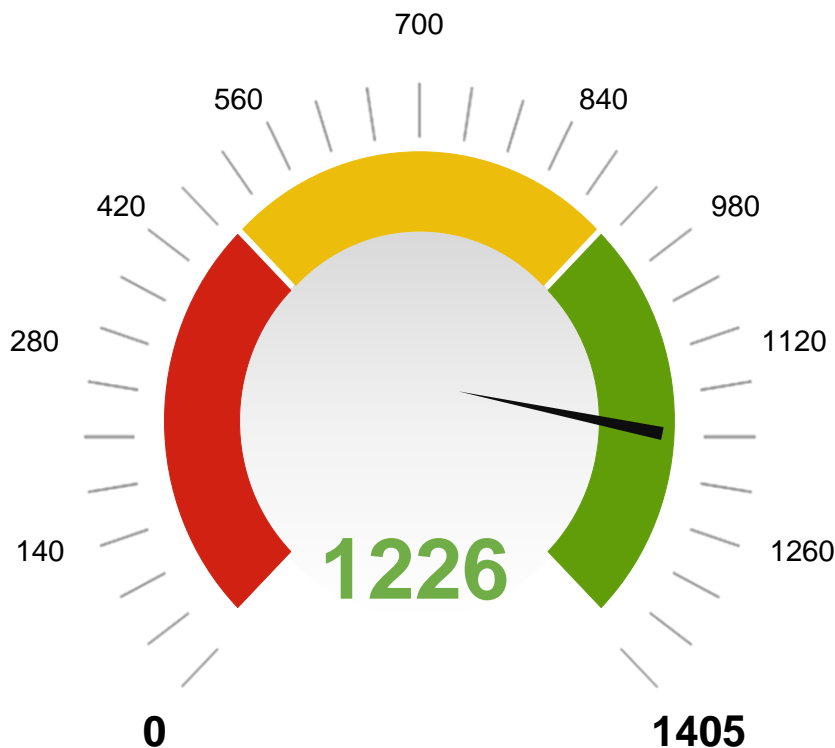
Snapshot of implementation of Part A (IT) (31.08.2016)



Total towns – 1405

Total Awarded – 1405 towns

Go-Live – 1226 towns



State	Bal	Remarks
Rajasthan	81	Contractual issue
J&K	21	Poor progress, 1 town data awaited on NPP
TN	21	13 towns feeder data awaited on NPP
Odisha	12	Awarded in Sep 16
Jharkhand	5	5 towns feeder data awaited on NPP
Puducherry	4	Sub-judice
Goa	2	In progress
Bihar	1	1 town feeder data awaited on NPP
Arunachal	10	
Nagaland	9	Poor progress
Mizoram	8	
Meghalaya	4	2 towns feeder data awaited on NPP
Manipur	1	1 town feeder data awaited on NPP
Total	179	

States to complete IT enablement of balance 179 towns with feeder data on NPP

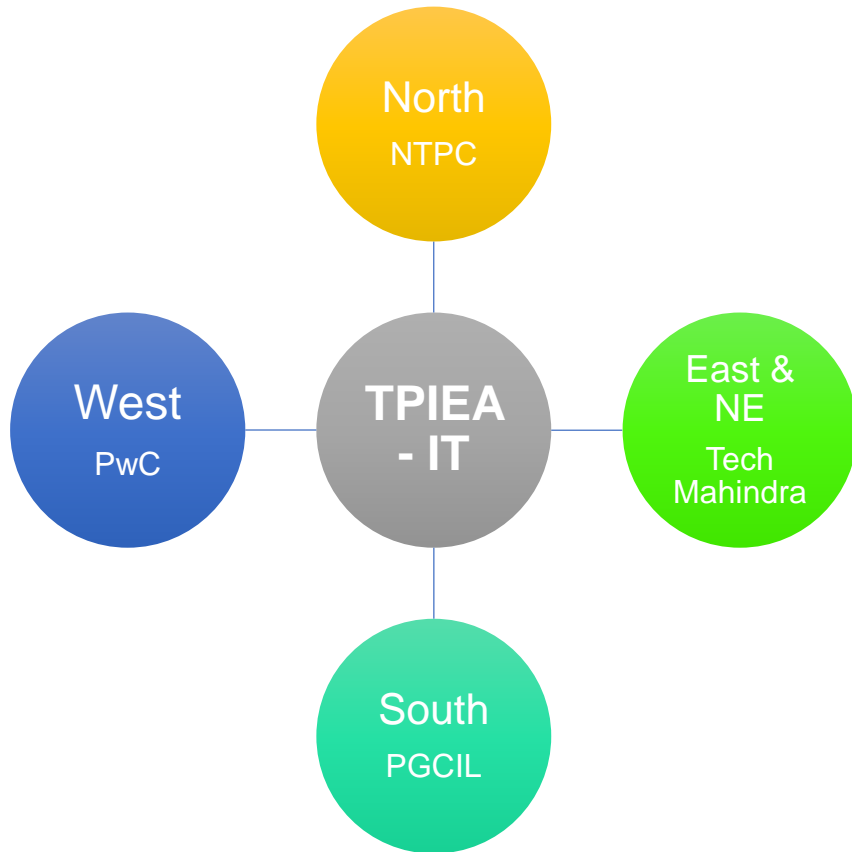


TPIEA-IT: verification of completion of Part A (IT)



Role- Verification of Installation & Establishment of IT-enabled baseline data system under Part-A of R-APDRP, Establishment of SCADA/DMS under Part-A of R-APDRP

Verification complete in CG, Sikkim, UK and WB; other States to expedite



Issues hampering process of verification by TPIEA-IT:

- Lack of availability of Documents
- Non Readiness of Final BoQ
- Non Availability of system generated satisfactory AT&C Loss Reports at Town/ Feeder & DT Level
- Non-completion of DR Drill
- Lack of cooperation from Utility staff /Implementation Agency

States to cooperate in verification of Part A (IT) completion



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IT Enablement Phase-II



- **2600 Additional Towns envisaged**
- Guidelines approved in 7th MCM & Circulated to Utilities
- Brief Methodology for implementation approved in 8th MCM
- **DPR Template Uploaded on IPDS Portal in August'16**
- Utilities being pursued for As Is Study and DPR preparation
- **DPR Appraisal and approval progressively from September'16 [Initially likely from AP, Telangana, Maharashtra and UK]**
- **States with all towns' data on NPP to be taken up first**
- Committee formed for **finalizing QR for IT Phase II**
- Likely NIT and Award by Utilities - Within 3 Months of Sanction
- Likely Project Implementation of Priority Items related to Energy Flow information - About 9 Months from Award/ 12 Months from Sanction
- Likely Project Completion-24 Months from Award



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Feeder Monitoring



Total Feeders
(R-APDRP towns)



Target FY17



Feeder Master
on NPP



Awaited from **NE States (except Assam, Tripura, Meghalya); MVVNL (UP); Jaipur (Raj)**

Transaction
data received



Awaited from **Jodhpur (Raj)**

1968 feeders under validation for Jharkhand, MESCOM, Megh, DVVNL, PaVVNL (UP)

States Covered: AP, Assam, Bihar, Chhattisgarh, Gujarat, Haryana, HP, J&K, Jharkhand, Maharashtra, Karnataka, Kerala, MP, Punjab, Sikkim, Telangana, Tripura, UK, WB

Critical States: UP (4465 Feeders), Raj (2665 feeders), TN (1900 feeders)



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Feeder Monitoring (data as on 12.09.2016)



Sl. No	States	Utility Name	Total Feeders	NPP Feeder Masters	NPP Feeder Txn
1	Andhra Pradesh	APEPDCL	564	564	561
		APSPDCL	923	922	922
2	Arunachal Pradesh	Arunachal-PD	123	0	0
3	Assam	ASEB	375	385	379
4	Bihar	SBPDCL	382	274	118
		NBPDCL	149	143	143
5	Chhattisgarh	CSPDCL	773	749	741
6	Goa	Goa-PD	284	115	0
7	Gujarat	DGVCL	174	174	153
		PGVCL	771	778	777
		UGVCL	250	250	249
		MGVCL	334	332	319
8	Haryana	DHBVNL	1090	1090	88
		UHBVNL	559	586	45
9	Himachal Pradesh	HPSEBL	206	204	204
10	Jammu & Kashmir	JKPDD	640	258	43
11	Jharkhand	JBVNL	564	245	89
12	Karnataka	BESCOM	1446	1130	1029
		CESCOM	177	164	140
		GESCOM	170	193	156
		HESCOM	290	290	283
		MESCOM	194	194	16
13	Kerala	KSEBL	908	906	276
14	Madhya Pradesh	MPPKVVCL-E	334	337	277
		MPPKVVCL-W	706	696	498
		MPPKVVCL-C	697	627	170

Feeder Master awaited

Transaction Data under validation

Transaction Data awaited



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Feeder Monitoring (data as on 12.09.2016)



Sl. No	States	Utility Name	Total Feeders	NPP Feeder Masters	NPP Feeder Txn
16	Maharashtra	MSEDCL	3747	3740	3068
17	Manipur	Manipur-PD	69	0	0
18	Meghalaya	MePDCL	97	87	0
19	Mizoram	Mizoram-PD	121	0	0
20	Nagaland	Nagaland-PD	86	0	0
21	Odisha	CESU	262	0	0
22	Puducherry	Puducherry-PD	110	0	0
23	Punjab	PSPCL	1551	1541	1541
24	Rajasthan	JaVVNL	1362	0	0
		JdVVNL	950	1212	0
		AjVVNL	353	750	0
25	Sikkim	Sikkim-PD	54	54	44
26	Tamil Nadu	TANGEDCO	2323	1104	402
2	Telangana	TSSPDCL	1459	1459	1359
		TSNPDCL	302	307	298
27	Tripura	TSEC	86	86	86
28	Uttar Pradesh	DVVNL	773	515	0
		MVVNL	1439	0	0
		PaVVNL	1549	1677	0
		PuVVNL	704	664	644
29	Uttarakhand	UPCL	336	347	285
30	West Bengal	WBSEDCL	504	391	391
Total :			31320	25540	15794

Feeder Master awaited
Transaction Data under validation
Transaction Data awaited



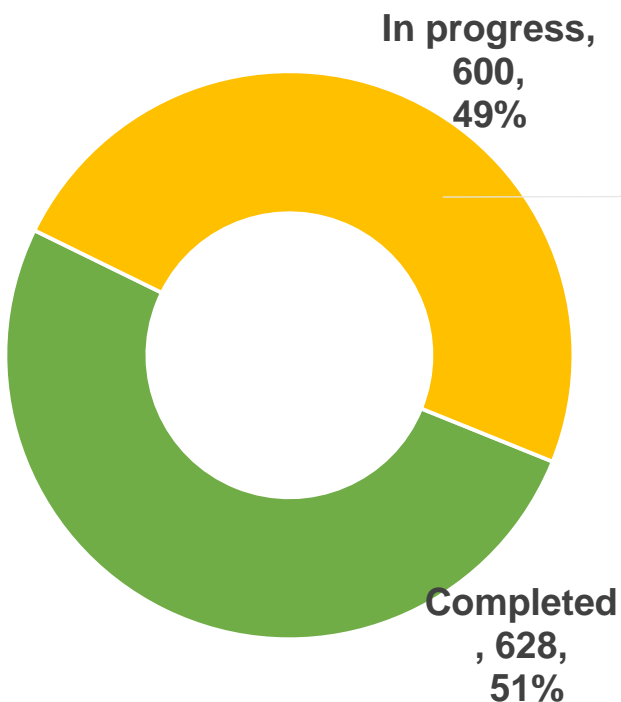
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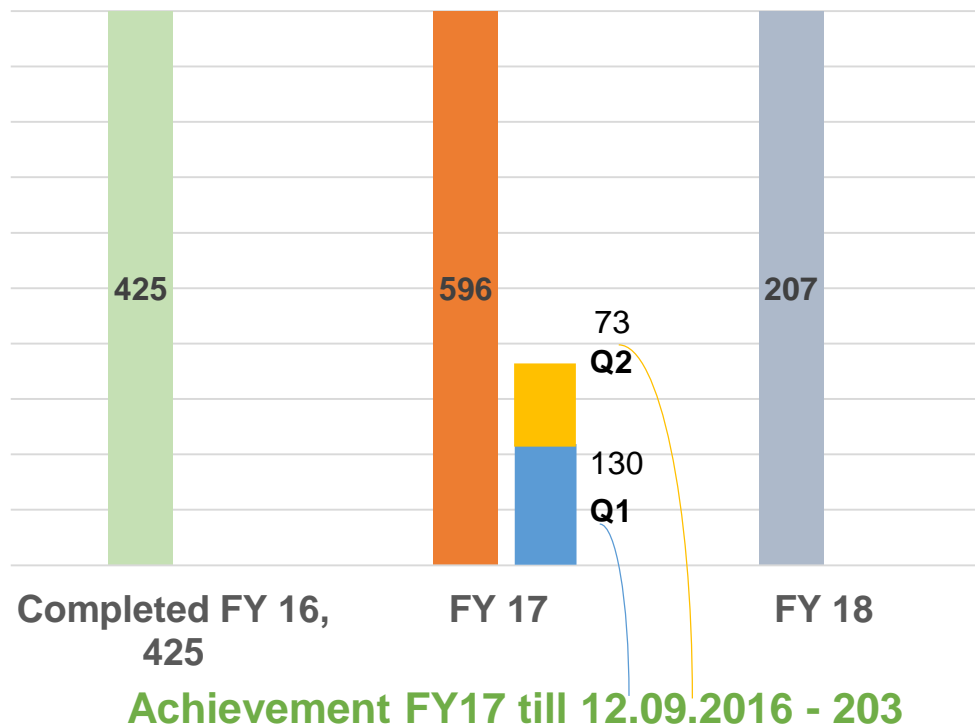
Snapshot of implementation of Part B (12.09.2016)

Total towns – 1229
 Total awarded – 1228 towns^ Work completed in – 628 towns

Status of work implementation



Completion schedule -Target /completed



States to expedite Part B completion and complete work in all towns by Mar 17

^ except 1 town of Haryana

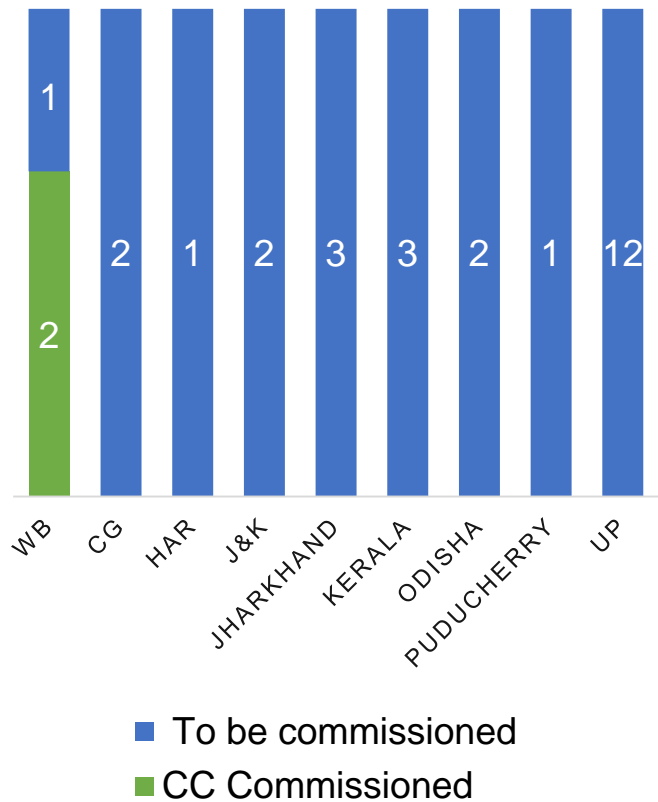


Snapshot of implementation of SCADA



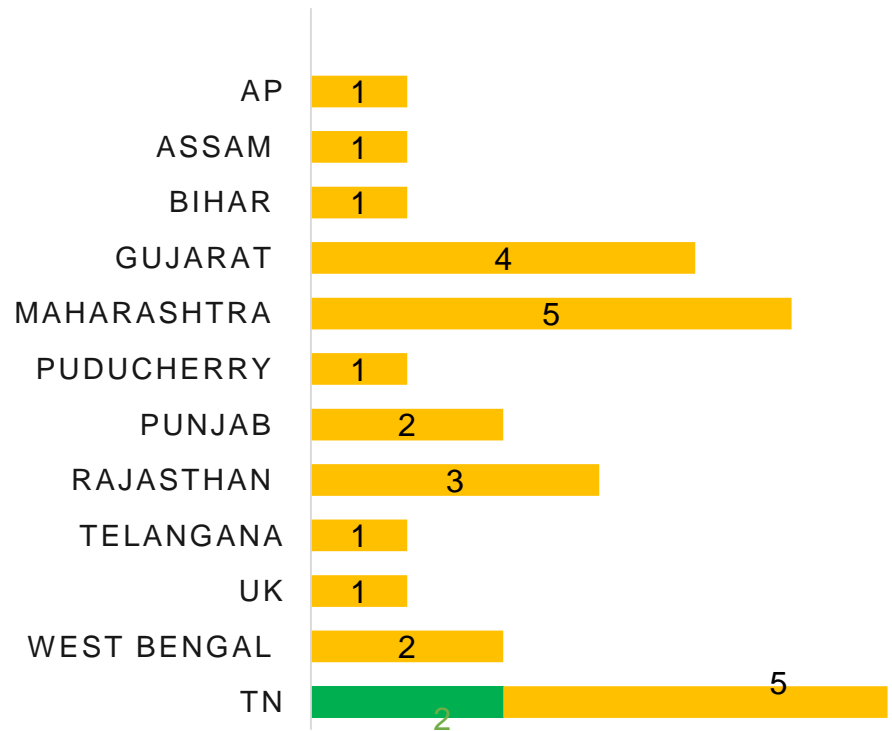
Total sanctioned – 72 towns

Control Centers (CC) commissioned - 45



Total sanctioned – 72 towns

Towns with SCADA completed - 2



■ Towns completed ■ Towns to be completed by Mar'17

Urban Jyoti Abhiyaan (URJA) App



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States to ensure

- Data Sanitization
- Timely submission of Post Go-Live reports
- Publication of Outage Schedule
- Daily submission of 11 kV feeder communication status
- Implementation of 1912 – **19121/ 2/ 3 implemented in Mumbai**

Feedback from States solicited for further improvement



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Issues being Flagged



States to

- Expedite **issuance NIT** for IPDS projects/ Award of projects
- Expedite **Submission of claims** (IPDS 1st Tranche, R-APDRP Part A and Part B)
- Declare **Go-Live of balance towns** with Feeder data on NPP
- **Expedite Verification by TPIEA-IT**
- Prepare **DPR for IT phase-II**
- Ensure continuous **submission of feeder data for NPP**
- **Expedite Part B and SCADA Completion**
- **Ensure data sanitization, SAIFI /SAIDI, 1912 for URJA app**
- **Ensure effective utilization of UVA's** for IT, project monitoring of IPDS
- Install **Billboards** for work being undertaken under IPDS
- Use of **PFMS** for funds flow



धन्यवाद ।



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TPIEA-IT Verification Status



S.No.	State	Verification Status
1	West Bengal	Completed
2	Chhattisgarh	Completed
3	Sikkim	Completed
4	Uttarakhand	Completed
5	Gujarat	Report Submission likely by 15 th September'16
6	Maharashtra	Report Submission likely by 16 th September'16
7	Himachal Pradesh	In Progress. Report likely by 30 th September'16
8	Punjab	In Progress. Report likely by 15 th October'16
9	Andhra Pradesh	In Progress. Report likely by 15 th October'16
10	Telangana	In Progress. Report likely by 15 th October'16
11	Madhya Pradesh	In Progress. Report likely by 15 th October'16
12	Uttar Pradesh	Kick off June'15. Manpower yet to be deployed. Completion likely by December'16.

State Clearance awaited from Kerala, Karnataka & Haryana. DR issues for Assam and Tripura





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Snapshot of implementation of Part B (12.09.2016)



S.No.	State Name	No. of Towns	No. of Towns Awarded	No. of Town Completed
1	Andhra Pradesh	46	46	39
2	Assam	67	67	38
3	Bihar	60	60	25
4	Chhattisgarh	19	19	16
5	Gujarat	62	62	54
6	Haryana	1		
7	Himachal Pradesh	14	14	6
8	Jammu & Kashmir	30	30	
9	Jharkhand	30	30	
10	Karnataka	81	81	72
11	Kerala	43	43	14
12	Madhya Pradesh	81	81	66
13	Maharashtra	123	123	91
14	Manipur	13	13	3

Poor progress
 Good progress





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Snapshot of implementation of Part B (12.09.2016)



S.No.	State Name	No. of Towns	No. of Towns Awarded	No. of Town Completed
15	Meghalaya	9	9	
16	Mizoram	9	9	
17	Odisha	12	12	
18	Puducherry	1	1	
19	Punjab	46	46	10
20	Rajasthan	82	82	27
21	Sikkim	2	2	
22	Tamil Nadu	88	88	40
23	Telangana	37	37	30
24	Tripura	16	16	2
25	Uttar Pradesh	167	167	40
26	Uttarakhand	31	31	10
27	West Bengal	59	59	45
		1229	1228	628

Poor progress
 Good progress

