Review, Planning & Monitoring Meeting

Integrated Power Development Scheme

11-Jul-2016

Presentation Outline

- **IPDS Implementation**
  - Compliances
  - NIT Status of IPDS projects
  - Disbursement
- **IT Implementation -** Go-live status and IT enablement Phase II
- **Feeder Monitoring**
- **URJA App**
- **Consumer Connect through 1912**
- **Placement of UVA's**
- **Issues being flagged**

IPDS at a Glance

Sanction

- Total Sanctions Rs.25,880 crore
- 3597 Towns in 30 States /UTs

IPDS Components

- New substations & DTs ~ Rs. 7500 cr
- HT and LT lines ~ Rs. 9000 cr
- Underground cabling ~ Rs. 2000 cr
- Metering ~ Rs. 2000 cr
- Misc (AB Cable/Cap. Banks) ~ Rs. 5000 cr

Funds

- Budget provision of **Rs 5,500 Crore** for FY 2016-17
- **Rs. 695 Crore** released by MoP
- **PFMS** to be used for funds flow

States to expedite submission of claims

IPDS compliances pending

Issue of formal sanction of Rs. 1291 Cr. held-up

- **Jharkhand** (Rs.735 cr) : Pending award of Part-B projects
- **WB** (Rs.276 cr)   : DEC approval awaited
- **Delhi** (Rs 198 cr) + **CPT** (Rs 6 Cr) : AT&C loss Trajectory
- **Nagaland** (Rs.44 cr)   : DEC consent awaited
- **Goa** (Rs.32 cr)   : Submission of re-casted DPR

Tripartite Agreement (23/59)

- **Delhi, Goa, Jharkhand, J&K, BEST, Odisha, Tamil Nadu, UP (Mv, Dv, Ke), Sikkim, Arunachal Pradesh, Nagaland, Meghalaya, Mizoram**

Project Management Agency (15/59)

- **Delhi, Goa, J&K, BEST, Tamil Nadu, CESC, Arunachal Pradesh, Nagaland, Meghalaya, Mizoram**

States to expedite IPDS Compliances

NIT Status of IPDS projects
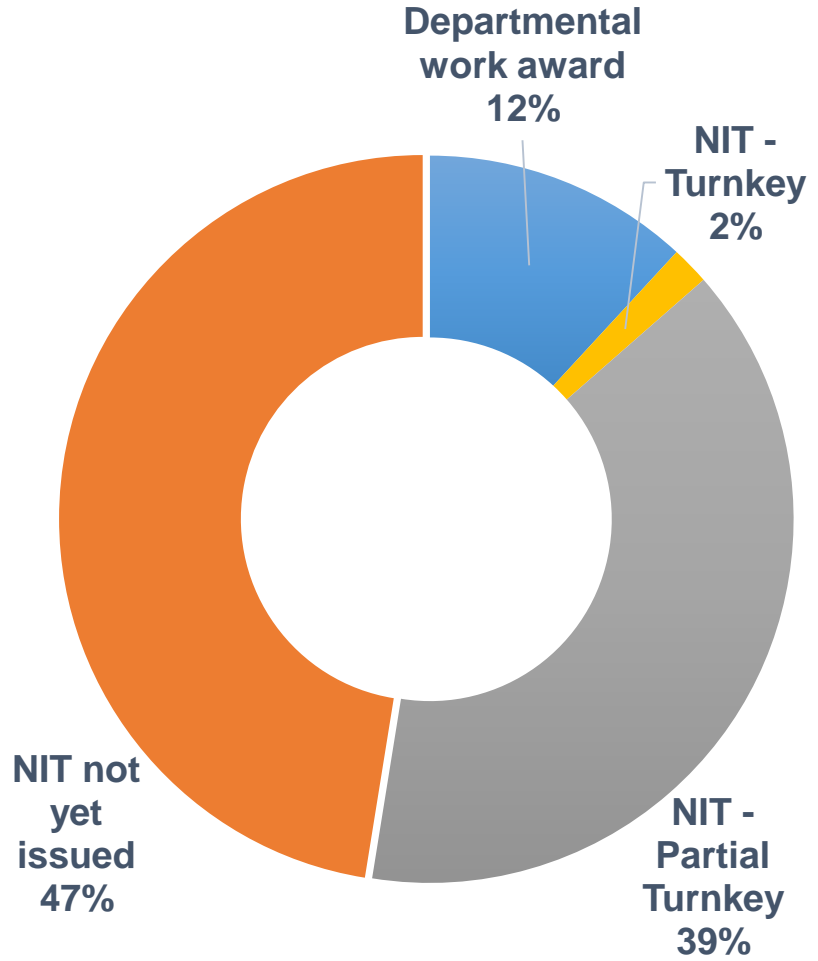
Departmental : 07 Discoms

APEPDCL, Gujarat (4), Telangana (2)

NIT issued: 24 Discoms

Turnkey	01	CESCOM
Partial-Turnkey	23	APSPDCL, Bihar (2), Manipur, MP (3), Odisha (4) Rajasthan (3), Uttarakhand, UP (D, M, Pa, Po, Kesco), WB, Haryana (2)

NIT not yet issued: 28 Discoms

Assam, Ar. Pradesh, Chhattisgarh, J&K, HP, Karnataka (4) Kerala, Maharashtra (2), Meghalaya, Mizoram, Nagaland, Puducherry, Punjab, Tamil Nadu, Tripura, Uttarakhand, DPL, CPT, Jharkhand, Goa, NDMC

Departmental work award 12%

NIT - Turnkey 2%

NIT - Partial Turnkey 39%

NIT not yet issued 47%

States to expedite NIT/ Award of works

Disbursement of Funds

IPDS Grant (FY 2016-17)

Rs. cr

	Budget for FY 2016-17	Funds already released	Request received (in process)	1st Tranche claims awaited	2nd Tranche claims to be expedited
NER States	157	0	-	26	131
Non NER States	2762	178	453	626	1505
Total	**2919**	**178**	**453**	**652**	**1636**

- **1st Tranche request awaited from**
  - **Bihar, Haryana, J&K, Kerala, Odisha, Rajasthan, TN , UP, Arunachal Pr., Meghalaya, Mizoram and Nagaland**

- **Next 20% is payable upon issuance of LOA by the Utilities**

Disbursement of Funds

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

Rs. cr

	Budget for FY 2016-17	Funds already released	Request received (in process)	Balance claims estimated under Part A	Balance claims estimated under Part B
NER States	197	136	7	37	17
Non NER States	2384	343	73	1020	948
Total	**2581**	**479**	**80**	**1057**	**965**

- **Part A claims are expected from**
  - **Telangana, Bihar, Gujarat, Haryana, Jharkhand, Karnataka, Kerala, MP, Punjab, Raj., UP, Uttarakhand, J&K and Assam**

- **Part B claims are expected from**
  - **AP, Telangana, Gujarat, Jharkhand, Kerala, MP, Punjab, Raj., UP, WB, HP, Uttarakhand, Manipur and Tripura**

IT Enablement under IPDS to cover all Urban towns

Total – 1405 towns

1222 towns declared Go-Live

21 towns IT enabled, but, Feeder data on NPP is awaited

- **TN (11), Assam (3), Bihar (2), Jhk (2), Megh.(2), J&K (1)**

162 towns yet to be declared Go- Live

Slow Progress in:

- Raj : Contractual Issue
- Odisha : Not yet awarded
- Pudu. : Contract subjudice
- Naga and Ar. Pr : Poor progress

- **TPIEA Verification complete in WB and CG, all other States to expedite**

IT Enablement – Phase II

- Extended to **2600** addl. towns, Rs. 2600 cr provision under IPDS
- DPR formats to be circulated within a week's time

States to complete IT enablement of balance 162 towns
Ensure Feeder data on NPP
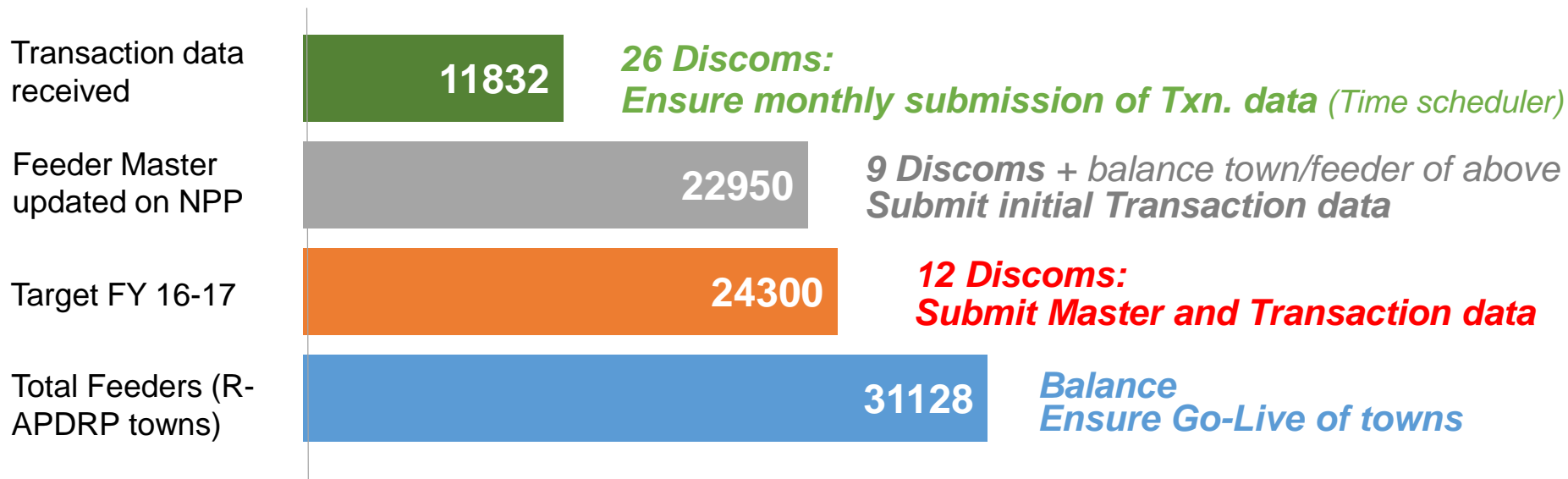**Submit DPR's for Phase II after TPIEA verification**

Feeder Monitoring (data as on 09.07.2016)

Feeder Monitoring System being developed to monitor Feeder-wise Power reliability data and AT&C (under NPP)

Transaction data received	**11832** — *26 Discoms: Ensure monthly submission of Txn. data (Time scheduler)*
Feeder Master updated on NPP	**22950** — *9 Discoms + balance town/feeder of above Submit initial Transaction data*
Target FY 16-17	**24300** — *12 Discoms: Submit Master and Transaction data*
Total Feeders (R-APDRP towns)	**31128** — *Balance Ensure Go-Live of towns*

9 Discoms to submit initial Transaction data

- **Goa, DHBVN, UHBVN, GESCOM, MP (3), Punjab, UP (Pa)**

States to submit the feeder master data and ensure monthly submission of Transaction data

Feeder Monitoring (data as on 09.07.2016)

Sl. No	States	Utility Name	Total Feeders	Nos. of Feeders Metered	NPP Feeder Masters	NPP Feeder Txn	% Feeders communicating
1	Andhra Pradesh	APEPDCL	564	564	564	564	100
		APSPDCL	922	922	922	922	100
2	Arunachal Pradesh	Arunachal-PD	123	123	0	0	NA
3	Assam	ASEB	375	375	373	240	64.34
4	Bihar	SBPDCL	382	382	274	114	41.61
		NBPDCL	149	149	143	128	89.51
5	Chhattisgarh	CSPDCL	773	773	749	608	81.17
6	Goa	Goa-PD	284	284	115	0	0
7	Gujarat	DGVCL	174	174	174	153	87.93
		PGVCL	745	745	769	768	99.87
		UGVCL	249	249	250	249	99.6
		MGVCL	319	319	319	319	100
8	Haryana	DHBVNL	1090	1090	1090	0	0
		UHBVNL	559	559	586	0	0
9	Himachal Pradesh	HPSEBL	198	198	203	203	100
10	Jammu & Kashmir	JKPDD	640	328	258	31	12.02
11	Jharkhand	JBVNL	564	560	136	77	56.62
12	Karnataka	BESCOM	1446	1446	1130	1029	91.06
		CESCOM	177	177	164	140	85.37
		GESCOM	170	170	171	0	0
		HESCOM	290	290	290	281	96.90
		MESCOM	184	184	194	16	8.25
13	Kerala	KSEBL	908	908	906	269	29.69
14	Madhya Pradesh	MPPKVVCL-E	334	334	326	0	0
		MPPKVVCL-W	706	706	696	0	0
		MPPKVVCL-C	697	697	627	0	0

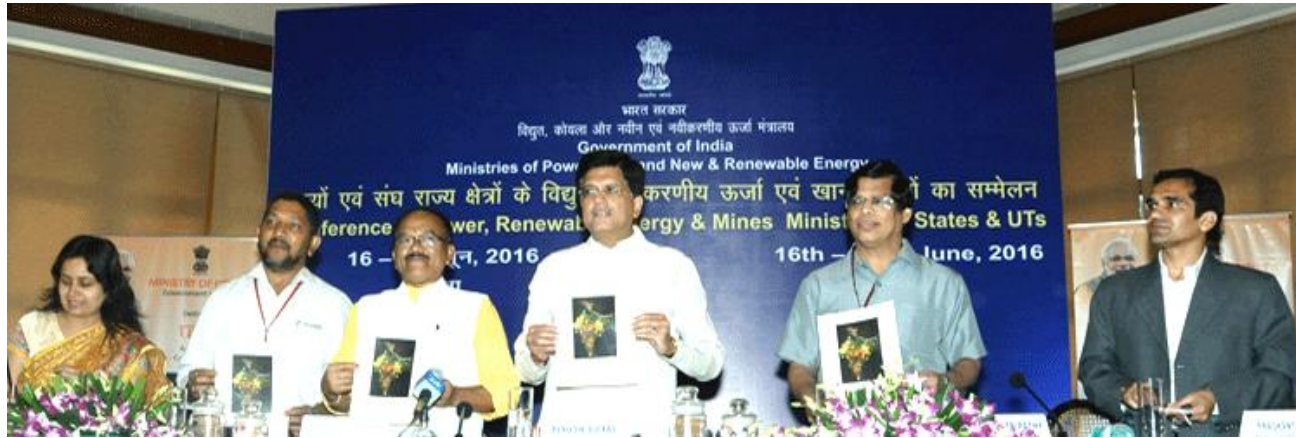|		
Feeder Master awaited		*Transaction Data awaited*

Feeder Monitoring (data as on 09.07.2016)

Sl. No	States	Utility Name	Total Feeders	Nos. of Feeders Metered	NPP Feeder Masters	NPP Feeder Txn	% Feeders communicating
15	Maharashtra	MSEDCL	3594	3594	3740	3027	80.94
16	Manipur	Manipur-PD	69	69	0	0	NA
17	Meghalaya	MePDCL	97	89	0	0	NA
18	Mizoram	Mizoram-PD	121	97	0	0	NA
19	Nagaland	Nagaland-PD	86	86	0	0	NA
20	Odisha	CESU	262	262	0	0	NA
21	Puducherry	Puducherry-PD	110	0	0	0	NA
22	Punjab	PSPCL	1571	1571	1571	0	0
23	Rajasthan	JaVVNL	1362	1266	0	0	NA
		JoVVNL	950	950	0	0	NA
		AjVVNL	353	353	0	0	NA
24	Sikkim	Sikkim-PD	54	54	54	44	81.48
25	Tamil Nadu	TANGEDCO	2323	2323	1104	108	9.78
26	Telangana	TSSPDCL	1459	1459	1459	1359	93.15
		TSNPDCL	302	302	307	296	96.42
27	Tripura	TSEC	86	86	86	35	40.70
28	Uttar Pradesh	DVVNL	773	773	0	0	NA
		MVVNL	1439	1439	0	0	NA
		PaVVNL	1549	1549	1211	0	0
		PuVVNL	704	704	664	0	0
29	Uttarakhand	UPCL	338	338	347	292	84.15
30	West Bengal	WBSEDCL	504	504	391	391	100
Total			31128	30574	22950	11832	-

	Feeder Master awaited		*Transaction Data awaited*

Urban Jyoti Abhiyaan (URJA) App

URJA App launched in the Power Minister's Conference at Goa (16th Jun 2016)

States to ensure

- **Data Sanitization**
- **Timely submission of Post Go-Live reports**
- **Publication of Outage Schedule**
- **Implementation of 1912**

Feedback from States solicited for further improvement

iOS and Web Version to be launched shortly

Consumer Connect through 1912

- **1912 Implementation has increased from 56% to 88% since Feb'16**
- **DoT order issued for Private Discoms (Delhi) also**

- **1912 Implemented in 44 Discoms** *(38 with all service providers)*

6 Discoms Implemented with BSNL only	6 Discoms yet to Implement
• UHBVN, DHBVN, Puducherry, JdVVNL, AjVVNL, DVVNL	• JaVVNL, Ar. Pr. Meghalaya, Mizoram, Nagaland, Tripura,

- **35 Discoms have provision to report theft on 1912**

States to ensure Implementation of 1912, its effective usage for Electricity complaints and theft reporting

Placement of UVA's

Urban Vidyut Abhiyanta's (UVA's)

- 55 UVA's appointment letter issued

Minimum Qualification	• BE (Electrical/Electronics/IT/CS) • 3yrs Experience in field of IT /Power Distribution

- UVA's to support Discom's in capturing post Go-live reports/feeder data from IT systems as well as progress review of projects

- To be posted at Discom's HQ

- Induction programme for UVA's planned on 27th July

Project Monitoring of IPDS

- **States to have meeting with PMA's on planning for project monitoring of IPDS projects**

States are requested for placement of UVA's at Discom's HQ

Issues being Flagged

States to

- Expedite **issuance NIT** for IPDS 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
- Ensure continuous **submission of feeder data for NPP**
- **Expedite Verification by TPIEA**
- **Prepare DPR for phase-II** IT implementation
- **Ensure following for URJA app-**
    - **Feeder-wise SAIFI/SAIDI data** (Daily)
    - Publish **daily Outage schedule**
    - **Daily** town-wise no. of feeder meter read **information**
    - **Implement 1912**
- Submission of **FY 16 Q-IV AT & C loss data** to PFC

धन्यवाद।