



# Review, Planning & Monitoring meeting

## IPDS and Distribution related issues

22-July-2017, New Delhi



सत्यमेव जयते

# Priority areas for Urban Distribution Sector



- **100% Urban Household electrification by Dec'2017**
- **Metering, monitoring, and collection – high priority**
- **E-payments target of 50% e-payments (revenue) by Dec'2017**
  - 26% revenue in Go-live towns is [through E-payment](#) (June 2017)
  - Ensure integration of payment gateway with **BHIM App**
- **Ease of Doing Business: On demand connection within 24 Hrs**
- **“1912” in Toll free mode across India - Punjab, Puducherry, Tamil Nadu, Torrent – Ahmedabad, Surat**
- **Target AT&C loss < 10% in Urban areas by Dec, '2017**



सत्यमेव जयते

# IPDS – Progress of award



Progress till 17.07.2017

## Sanction

State-wise details

Urban System Strengthening for 545 circles

- NIT floated – Rs. 23,562 Cr (91%) : **Awarded** - Rs 18,336 Cr (71%)
- **Monitoring Committee extended timeline for award upto Sep'2017**

### States not yet awarded

Issues

State	Total Project Sanction (Rs Cr)	Work Awarded (Rs Cr)	% Awarded
A & N	18	NIT yet to be issued	0%
Goa	32		
Pudu	22		
Sikkim	15		
Assam	582		
HP	111		
J&K	445		
Meghalaya	62		
Nagaland	44		
Delhi -NDMC	197		
Punjab	324		

All States to complete projects by **Dec 2018**

Billboards to be installed, future disbursement to be linked to installation of Billboards



सत्यमेव जयते

# IPDS - Progress of award

## States with partial award

Progress till 17.07.2017



State	Total Project Sanction (Rs Cr)	Work Awarded (Rs Cr)	% Awarded
Haryana	389	46	12%
WB	2925	617	21%
UK	191	56	29%
Tripura	74	34	46%
Jharkhand	732	445	61%
MP	1501	958	64%
Telangana	650	445	68%
Arunachal	150	109	73%
Karnataka	1139	945	83%
CG	489	408	83%
MH	2405	2055	85%
UP	4698	4024	86%
AP	651	574	88%
Bihar	2100	1917	91%
Manipur	129	121	94%
Mizoram	49	46	94%
Odisha	1078	1018	94%
Rajasthan	1303	1274	98%
Tamil Nadu*	1561	1528	98%
Kerala*	597	596	100%
Gujarat*	1122	1124	100%

\* departmental

### All States to complete projects by **Dec 2018**

Billboards to be installed, future disbursement to be linked to installation of Billboards



सत्यमेव जयते

# IT Phase II under IPDS to cover all Urban Towns



- Detailed Guidelines, Advisory (including QR, payments terms, other relevant conditions) for award of work shared with States
- **1293 towns , Rs 750 cr sanctioned**
- 6 States / 11 Utilities - 350 towns, Rs.167 Cr sanctioned in Dec 16
- 11 States / 21 Utilities (Odisha, Karnataka, Haryana, MP, HP, Punjab, Assam, Maharashtra, J&K, Jharkhand and WB) - 943 towns, Rs.579 Cr sanctioned in June 2017

	Discom	Towns	States	Remarks
<b>Revised DPRs awaited</b>	5		Bihar, TN , Manipur, Mizoram	<b>To submit revised DPRs based on PFC's observations</b>
<b>DPRs awaited</b>	7	150	Raj, Arunl P, Megh, Nagaland, Sikkim	<b>To submit DPRs</b>
<b>States using own funds</b>	5	500	UP, Tripura to ensure data on NPP from own system	



# IT Phase II under IPDS to cover all Urban Towns



Milestone	Projected timeline
RfP for IT phase II (for 1293 towns)	May 2017 – Sep 2017
Award of work	July 2017 – Oct 2017
Integration with NPP -Modems at Feeders, Metering/Billing	March - 2018

- Sanctioned States to expedite PMA / on their own
- Award work / Departmental execution - customize RfP with State's DRC approval, as per requirements and procedures
- Integration with NPP in 9 months



# Closure of R-APDRP (subsumed in IPDS)



## IT & SCADA (Part-A)

### Closure of Part A (IT)

- **AP, CG, Guj, MP, MH, Telangana, UK, WB, Sikkim** where TPIEA-IT verification has been completed, to submit closure report with Utilization Certificate [UC] by **31.07.2017**
- **HP, Bihar, Haryana, Karnataka, Kerala, Punjab, UP** to ensure TPIEA-IT verification by **30.09.2017** & submit closure report with UC by **31.12.2017** – Separate meeting scheduled on 27.07.2017
- **Goa, Jharkhand and Rajasthan** to ensure TPIEA-IT verification by **31.12.2017** & submit closure report with UC by **31.03.2018**
- **TN, Pudu, J&K, NER, Odisha** to ensure TPIEA-IT verification by **31.03.2018**, to submit closure report with UC by **30.06.2018**

### Closure of Part A SCADA

- All projects to be closed by 31.03.2018, including TPIEA-IT verification & submission of closure report with UC



सत्यमेव जयते

# Closure of R-APDRP (subsumed in IPDS)

## (Part-B)



### Closure of Part B

- **826 completed towns, stands closed** upto date of completion communicated by Discoms.
  - Discoms to submit closure report and claims with UC by **31.07.2017**
- **Balance towns** to be closed by **31.03.2018** with closure report
  - Submit claims with UC by **30.06.2018**
- **Interest accrued on Gol as well as Counterpart loan upto 31<sup>st</sup> March 2017 shall be considered for capitalization/conversion of loan into grant after achievement of desired milestones necessary for conversion of Part-B loan into grant**
- **Sunset - 2021-22** : Utilities to complete projects quickly, meet conversion milestones to achieve annual grant conversion benefits envisaged as per RAPDRP guidelines





सत्यमेव जयते

# Analysis of Quarterly AT&C loss report submitted by Discoms



S.No	State	Share in Overall Input Energy	Billing Efficiency <sub>BE</sub>	Share in Overall* Revenue Billed	Collection Efficiency <sub>CE</sub>
1	Maharashtra	12.13%	86.6%	12.73%	92.1%
2	TamilNadu	11.23%	80.3%	11.96%	97.5%
3	Rajasthan	6.91%	78.0%	7.65%	94.1%
4	UP	9.30%	77.1%	7.52%	81.9%
5	MP	5.89%	75.8%	6.04%	93.9%
<b>All India</b>		<b>100</b>	<b>82.0%</b>	<b>100</b>	<b>94.1%</b>

- Maharashtra & Tamil Nadu account for 24% of Energy Sales, but **BE < 90%**
  - If BE increase to 90%, All India BE will increase by 1.5% i.e. over 10,000 MU
- Rajasthan, MP & UP account for 22% of Energy sales, but **BE < 80%**
  - If BE increase to 90%, All India BE would increase by 3% or over 20,000 MU



सत्यमेव जयते

# Analysis of Quarterly AT & C loss report submitted by Discoms



S.No	Utility	Share in Overall Revenue Billed	Collection Efficiency CE
1	MSEDCL (Mah)	12.7%	92.1%
2	PVVNL (UP)	2.1%	86.8%
3	MPMKVVCL(MP)	1.8%	86.4%
4	DVVNL(UP)	1.7%	69.8%
5	PUVVNL(UP)	1.6%	73.0%
All India		100	94.1%

- Maharashtra is largest State in terms of revenue billed, **CE ~ 90%**
- If CE increases by 5%, All India CE will increase by 0.6% ~ Rs 1500 Cr/annum
- UP is also amongst largest State in terms of revenue billed, but **CE ~ 80%**
- If CE increases by 10%, All India CE will increase by 1% ~ Rs 2500 Cr/annum

CE in North East States is very low ~ 40%-70%



## Urban feeder monitoring

- Master data of 93% 11KV feeders (29,513 nos.) of IT enabled towns onboard, pending from **Odisha, Puducherry, NE States** (partial)
- 90% of Master data (26,531) communicating on monthly basis – balance feeders awaited from **Haryana, TN, Kerala, UP, WB**
- Regular updation not received from **NE States, APSPCL, TSNPDCL, PuVVNL, MVVNL**

State details

## Concept of Feeder Manager being emphasized

- A scheme for Reward and Recognition of **Feeder Manager** being rolled out (Automated selection of performing feeders managers through NPP data)

# Wrap- up



## States to

- Ensure **award of IPDS** projects by **Sep 2017**
  - Update Online Project Monitoring system, Install Billboards
- **Completion of IPDS** projects by **December 2018**
  - Likely loss of addl grant for non completion within timeline
- Expedite **Closure of Part A (IT), SCADA and Part B**
- Expedite **appointment of PMA for IT Phase 2**
- Expedite **Award of IT Phase 2**
- **Submit IPDS Compliance Audit report**
- **Use PFMS** for fund release upto Vendor level
- Submit **Feeder Master, Manager** data



सत्यमेव जयते



# धन्यवाद।



Dial 1912 for

‘Complaints on Electricity’