



GOVERNMENT OF INDIA  
**MINISTRY OF POWER**



# IT enablement of Urban Distribution Sector

**Power Minister's Conference**  
**Delhi, 03-May-2017**



# IT enablement of Urban towns



## Planned outcomes

AT&C loss reduction

Enabling Digital payments

Service connections release

Consumer Grievance redressal

## Output till now

1346/  
1405

Go-Live Towns

20/21

Data Centers

19/21

Disaster Recovery Centers

40/46

Customer Care Centers

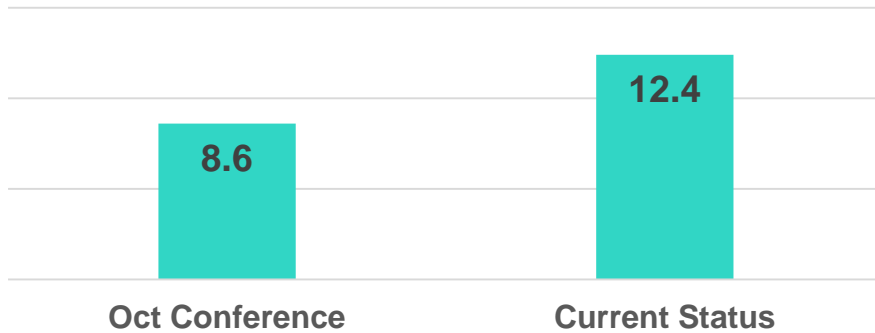


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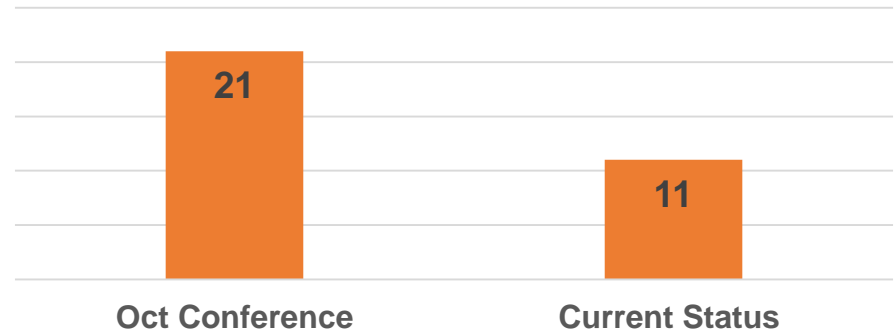
# Some outcomes of IT enablement



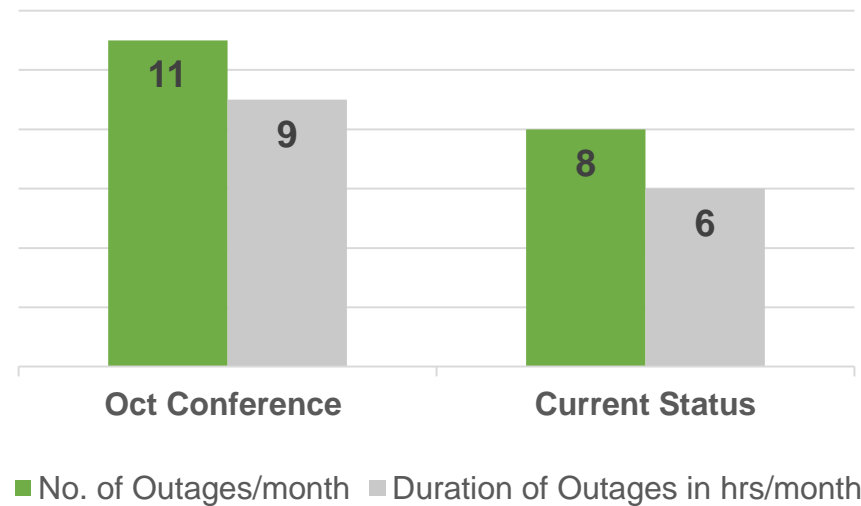
### % consumers making E-payments



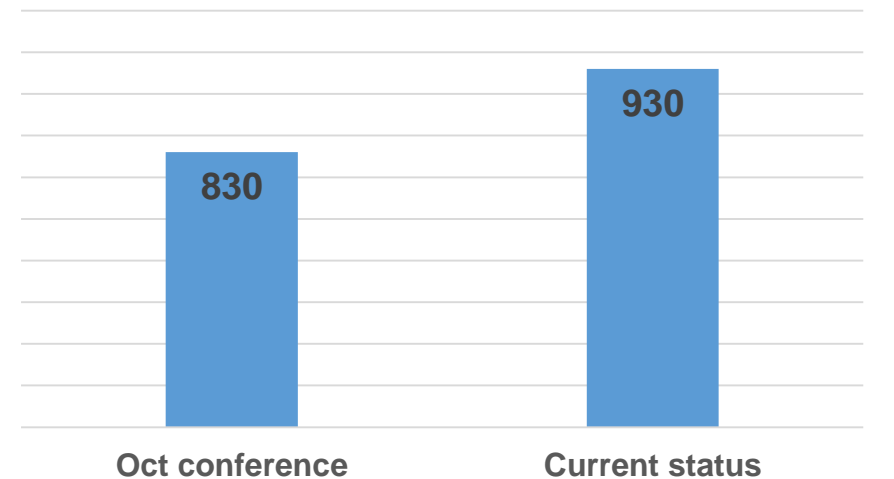
### % Consumer complaints pending



### Power reliability



### no. of towns where AT&C reduced



**These consumer centric parameters captured on URJA App**

**All States to ensure data sanitization, upkeep of Meters/modems**



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# Status of balance 59 towns



State	Towns	Reported Issue	Timeline
J&K	21	Law & Order issues	
Odisha	12	Awarded in 2016	
TN	8	Contractual issues	
Nagaland	6	Network connectivity issues	<b>March 2018</b>
Arunachal	5		
Puducherry	4	Contractual issues	
Mizoram	3	Network connectivity issues	



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# IT Phase II under IPDS: Status



**Coverage:** Urban Census 2011 Towns through incremental build-up on existing IT systems already established

Status	Discoms	Towns	Feeders	States	Remarks
DPRs sanctioned	11	350	1500	AP, CG, Guj, Ker, Telg, UK	To issue RfP
DPRs under appraisal	20	900	4000	Assam, Har, HP, Jhkd, Kar, MH, MP, Pb, Odisha, WB	To take parallel action for RfP
DPRs awaited	7	700	6500	J&K, Raj, TN, NE States	To submit DPRs
States using own funds	7	500		Bihar, UP, Tripura	To ensure data on NPP from own system



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# Timelines and Status – IT Phase II



Milestone	Original Timeline	Remarks
<b>DPR Sanction &amp; award for all States</b>	Sep'16 to Mar'17	<b>RfP by States (sanctioned in Mar'17)</b> <ul style="list-style-type: none"><li>• May'17 - 141 towns (Guj, Kerala, UK)</li><li>• Jun'17 - 209 towns (AP, CG, Telangana)</li></ul> <b>DPRs likely to be sanctioned</b> <ul style="list-style-type: none"><li>• May'17 - 900 towns</li><li>• Jun'17 - 700 towns</li></ul>
<b>Integration with NPP</b>	Oct'17 to Dec'17	Modems at Feeders, Metering/Billing



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# IT Phase II under IPDS to cover all Urban Towns



## Facilitation by MoP/PFC -

- Detailed Guidelines, Advisory (including QR, payments terms, other relevant conditions) for award of work shared with States
- 100% Funding for appointment of Project Management Agency to assist DISCOMs in project management and ensuring timely implementation of projects
- States can customize RfP with State's DRC approval, as per requirements and procedures
- Regular follow-up, letters issued to sanctioned States for expediting RfP
- States submitting DPRs, requested to work simultaneously on RfP

- **J&K, Raj, TN, NE States to submit DPRs**
- **States/Discoms to expedite award of IT Phase II work**



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# Urban Feeder Monitoring System



- **24395/31147** numbers 11kV feeder data already available till FY-17
  - <50% data made available by **J&K, TN, Megh, Mizo, Nagaland**
  - Regular update of data not being complied by **AP (APSPDCL), Har (UHBN), Guj (DGVCL), UP (PVVNL, PuVVNL), TN, Tripura, WB, Manipur, Mizoram**
- States to make efforts to link all Urban feeders on NPP
- System generated Monthly reports being sent to MDs of Discoms for initiating appropriate Administrative and Technical measures (feeder-wise) to reduce AT&C losses
  - Data sanitization & improvement reported: **CG, Guj, Har, MP, Raj, UK, WB**
  - MoP instituting awards for Feeder Managers

**All States to ensure monthly submission of data on NPP & take administrative action for reduction of AT&C losses**



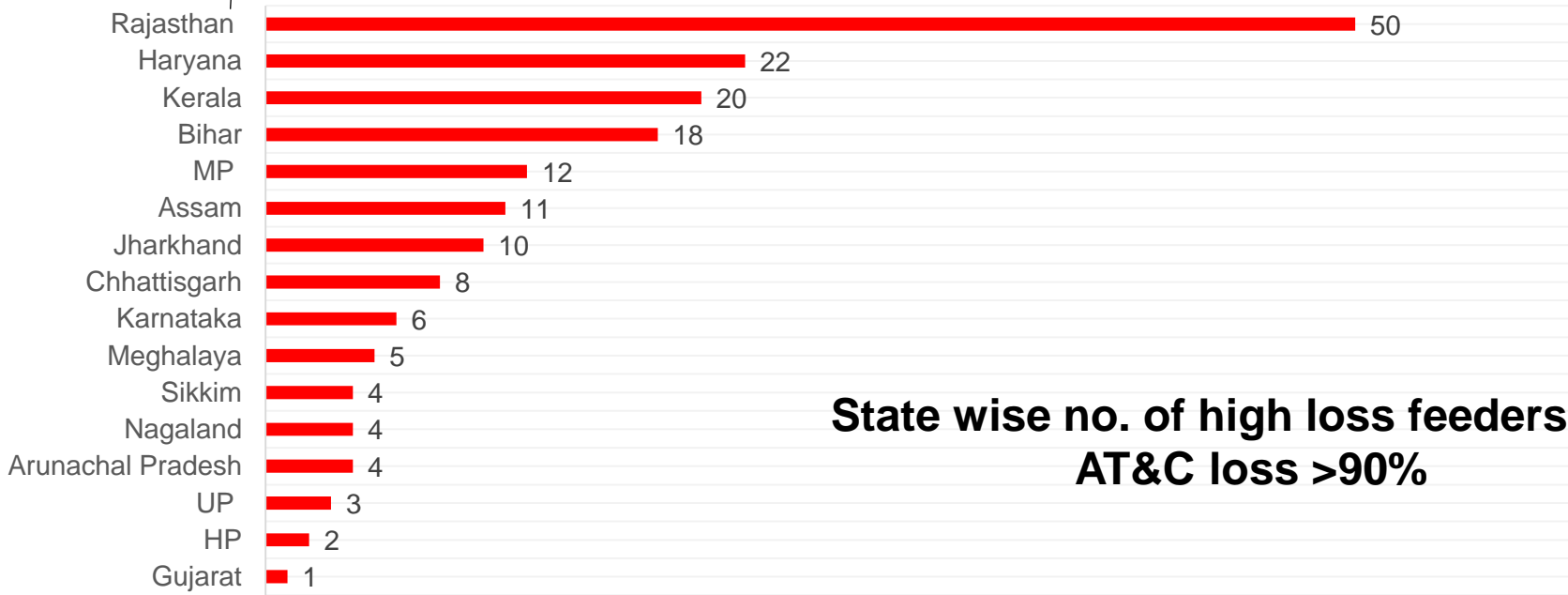
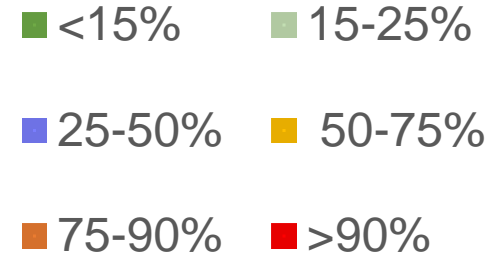
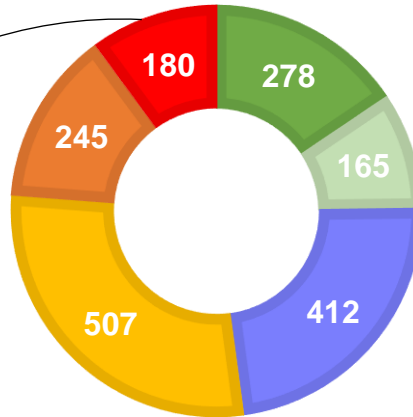


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# Urban Feeder Monitoring System



## Status of 1787 high loss feeders across India



**State wise no. of high loss feeders with AT&C loss >90%**

**All States to ensure sanitization of feeder data**



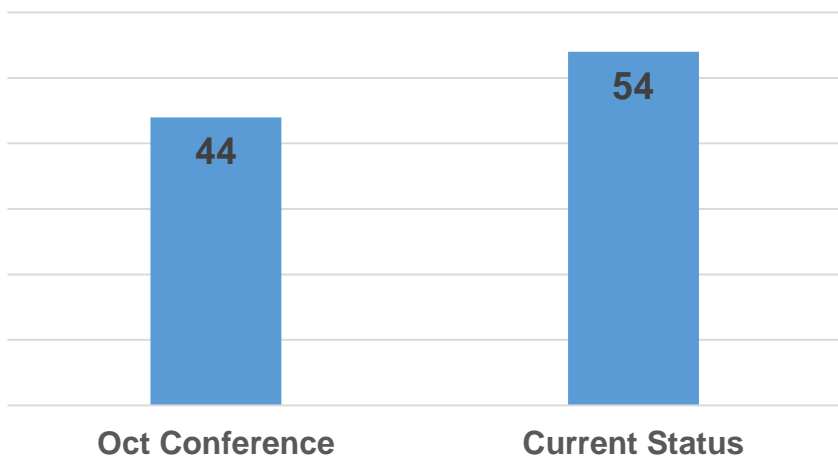
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# Common # for Electricity Complaints - 1912

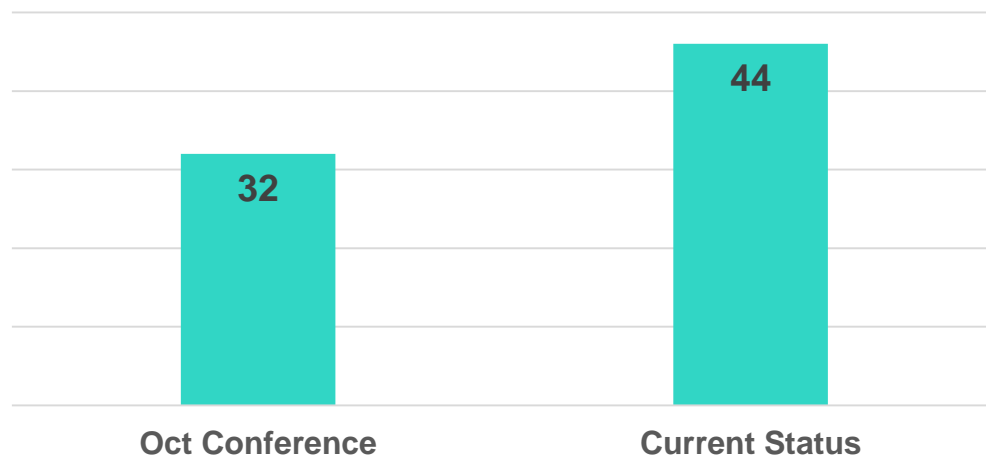


- Already been implemented by **54/62 Discoms** including Private Discoms
  - Yet to be implemented by **Arunachal, Mizoram, Meghalaya, Nagaland, WESCO (Odisha), BRPL, BYPL, TPDDL**
- **43/45 Government Discoms** have option of reporting **Electricity theft** on 1912
  - **HP and J&K to start similar provision**
- **44/54 Discoms** have made the short code **Toll free** for benefit of the consumers
  - Pending in **Assam, MP (W), Pudu, Pb, Sikkim, Tamil Nadu, KESCO (UP), Tripura, Torrent**

No. of Discoms implementing 1912



No. of Discoms with 1912 Toll free



**All States to ensure 1912 Toll free**

**Effectively close complaints**



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# धन्यवाद ।