



# Review, Planning & Monitoring meeting

## Integrated Power Development Scheme

- Review of IPDS Implementation
- Snapshot of Go-Live towns
- Go-Live Impact
- Power reliability through SAIFI /SAIDI
- Progressive Competitiveness - Ranking of States
- Consumer Connect through IT
- New Initiatives
- Issues being flagged



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# IPDS: Implementation Issues



Issue	Status
<p><b>IPDS Beneficiary States to expedite executing TPA and appoint PMA</b></p>	<ul style="list-style-type: none"> <li>• <b>TPA executed</b> - AP, Bihar, Chhattgh, Guj (except DGVCL), Har (UH), HP, Kar (except HESCOM), MP, TSSPDCL, UP (Pu &amp; Pa), Uttkhd, WB - <b>(20/57)</b></li> <li>• <b>PMA</b> - AP, Chhattgh, Guj (MG &amp; PG), Har, HP, Mah, MP (W &amp; C), Odisha, Punjab, UP (Mv, Pu, Po), Sikkim, Uttkhd, WB – <b>(21/57)</b></li> <li>• <b>Compliance Awaited from Others</b></li> </ul>
<p><b>Baseline AT&amp;C Loss Establishment</b></p>	<ul style="list-style-type: none"> <li>• Ring fencing yet to be completed in J&amp;K – 17 towns</li> <li>• <b>Baseline AT&amp;C yet to be established in 88 Towns</b> Bihar-30, Jharkhand-15, J&amp;K-17, Odisha-12, Goa-4, Puducherry-4, Arunachal Pradesh -4 &amp; Mizoram-2</li> </ul>
<p><b>Go-live of towns (1131/1409)</b></p>	<ul style="list-style-type: none"> <li>• 278 towns yet to be declared Go-Live</li> <li>• <b>100 towns targeted by Mar 2016</b> TN-42, Kar-30, J&amp;K-26, Bihar-25, Jharkhand-11, Arunachal Pradesh -10, Naga- 9</li> </ul>
<p><b>Discoms to analyze reasons of non-reduction of AT&amp;C loss in Go-Live Towns &amp; take corrective measures</b></p>	<ul style="list-style-type: none"> <li>• PFC is regularly taking up the issue with concerned MDs</li> <li>• AT&amp;C Loss reduction reported in 75% of Go-Live towns vis-à-vis 74% Go-Live towns in previous month</li> <li>• States to analyze reasons and take continuous administrative measures for reduction</li> </ul>



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# IPDS: Implementation Issues



Issue	Status
<b>Discoms to provide Power reliability data in form of SAIFI/ SAIDI Indices</b>	<ul style="list-style-type: none"> <li>• Feeder-wise SAIFI/SAIDI submitted by 20 Discoms for 496 towns</li> <li>• States to monitor SAIFI/SAIDI and take continuous administrative measures for improvement</li> </ul>
<b>States to share details of all feeders with NIC/PFC for OFMS under National Power Portal (NPP) being developed by NIC</b>	<ul style="list-style-type: none"> <li>• West Bengal pilot completed</li> <li>• Maharashtra, AP, Gujarat, Uttarakhand taken up</li> <li>• <b>Roll Out plan</b> <ul style="list-style-type: none"> <li>○ Telangana, Sikkim, Chhattisgarh by Jan'16</li> <li>○ MP, Assam, Tripura by Feb'16</li> <li>○ All States targeted by Mar'16</li> </ul> </li> </ul>
<b>Cancellation of Part-B projects, yet to be awarded</b>	<ul style="list-style-type: none"> <li>• <b>Compliance [Award/Request for cancellation] awaited</b> <ul style="list-style-type: none"> <li>○ UHBVN(Haryana) -18 Towns, DHBVN – 1 Town</li> <li>○ Odisha-12 Towns</li> <li>○ Jharkhand-30 Towns</li> <li>○ TN-4 Towns</li> </ul> </li> </ul>
<b>Completion of Part-B projects</b>	<ul style="list-style-type: none"> <li>• 360 towns completed till Dec 2015</li> <li>• <b>90 more targeted by Mar 2016</b></li> </ul> <p>TN-30, Rajn-20, Karnataka-12, Punjab-10, WB-7, Guj-4, Maha-4, HP-3</p>



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# IPDS: Implementation Issues



Issue	Status
<b>SCADA Schemes sanctioned for 72 Towns from FY 10 to FY14</b>	<ul style="list-style-type: none"> <li>• Trichy town of TANGEDCO in final leg of completion</li> <li>• 23 Control Centres Commissioned [Maha-5, TN-7, MP-5, Raj-4, Assam-1, Bihar-1]</li> </ul>
<b>Readiness of Control Center Building with infrastructure</b>	<p><b>Yet to be ready in 19 Towns</b></p> <ul style="list-style-type: none"> <li>○ <b>UP-9 Towns</b> [all except PuVVNL] [Sanctioned FY11-12]</li> <li>○ <b>Punjab-3</b> [Sanctioned FY11-12]</li> <li>○ <b>J&amp;K-2</b> [Sanctioned FY11-12]</li> <li>○ <b>WB-1</b> [Sanctioned FY11-12]</li> <li>○ <b>Jharkhand-3</b> [Sanctioned FY12-13]</li> <li>○ <b>Haryana-1</b> [Sanctioned FY12-13]</li> </ul>
<b>SCADA Enabler Award</b>	<p><b>Yet to be awarded for 22 Towns</b> [UP-12, Punjab-3, Jharkhand-3, Telangana-2, Pudu-1, Haryana-1]</p>
<p><b>Control Center Commissioning targeted in addl. 26 Towns by March'16</b> [Maha-3,UK-1, Gujarat-6, Kerala-3, Punjab-3, Rajn.-1, Telangana-2, AP-4 &amp; WB-3]</p>	



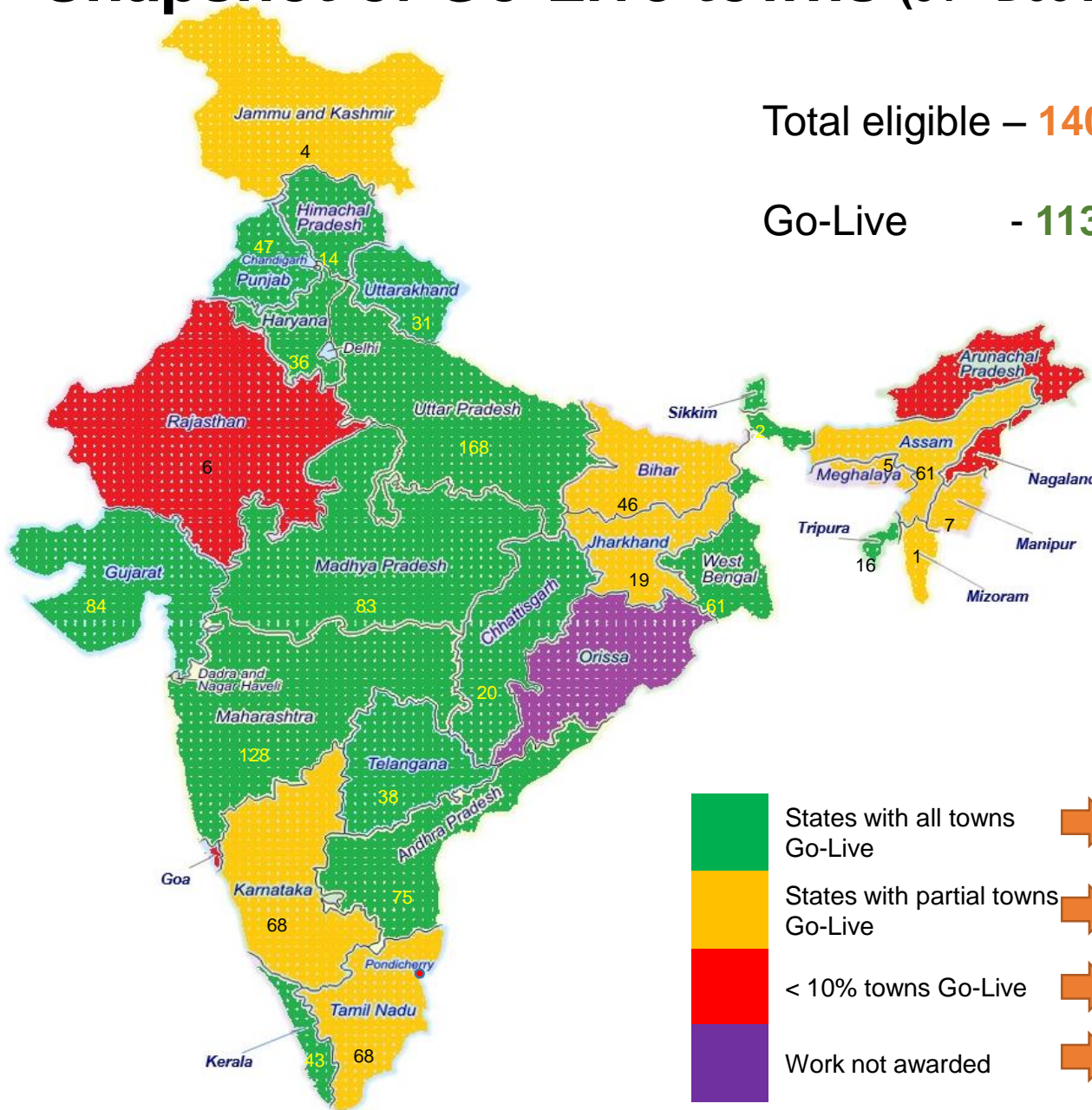
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# Snapshot of Go-Live towns (31<sup>st</sup> Dec 2015)

Total eligible – 1409 towns

Go-Live - 1131 towns



- States with all towns Go-Live ➔ To Monitor Go-Live parameters
- States with partial towns Go-Live ➔ To expedite completion
- < 10% towns Go-Live ➔ To expedite work
- Work not awarded ➔ To expedite award of work



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# Go-Live Impact



## Parameters

## Impact

### TOWNWISE AT & C LOSS MONITORING

Towns' AT&C Loss vis-à-vis Baseline AT & C losses

Improvement in **770 Towns (75%)**

Not improved (263 Towns)

No improvement mostly in UP-75, TN- 42, Assam-31, Maha-24

### MONITORING OF HIGH LOSS FEEDERS

Top 10% high loss feeders

Feeders with AT&C Losses > 50% : 951/1660

### CONSUMER EMPOWERMENT AND DELIVERY OF E-SERVICES

New connections released

**15%**

Connections released as per SERC norm  
(out of connection released)

**73%**

E-Payment Reported

0.02 -**18 %**

### COMPLAINT REDRESSAL MECHANISM

Complaints redressed

**51%**

Redressal within SERC timelines  
(out of complaints redressed)

**72 %**

### POWER RELIABILITY

Town-wise Reliability captured using SAIFI/SAIDI (monthly)

**SAIFI – 52 towns > 30 interruptions**

**SAIDI - 40 towns > 30 hr**



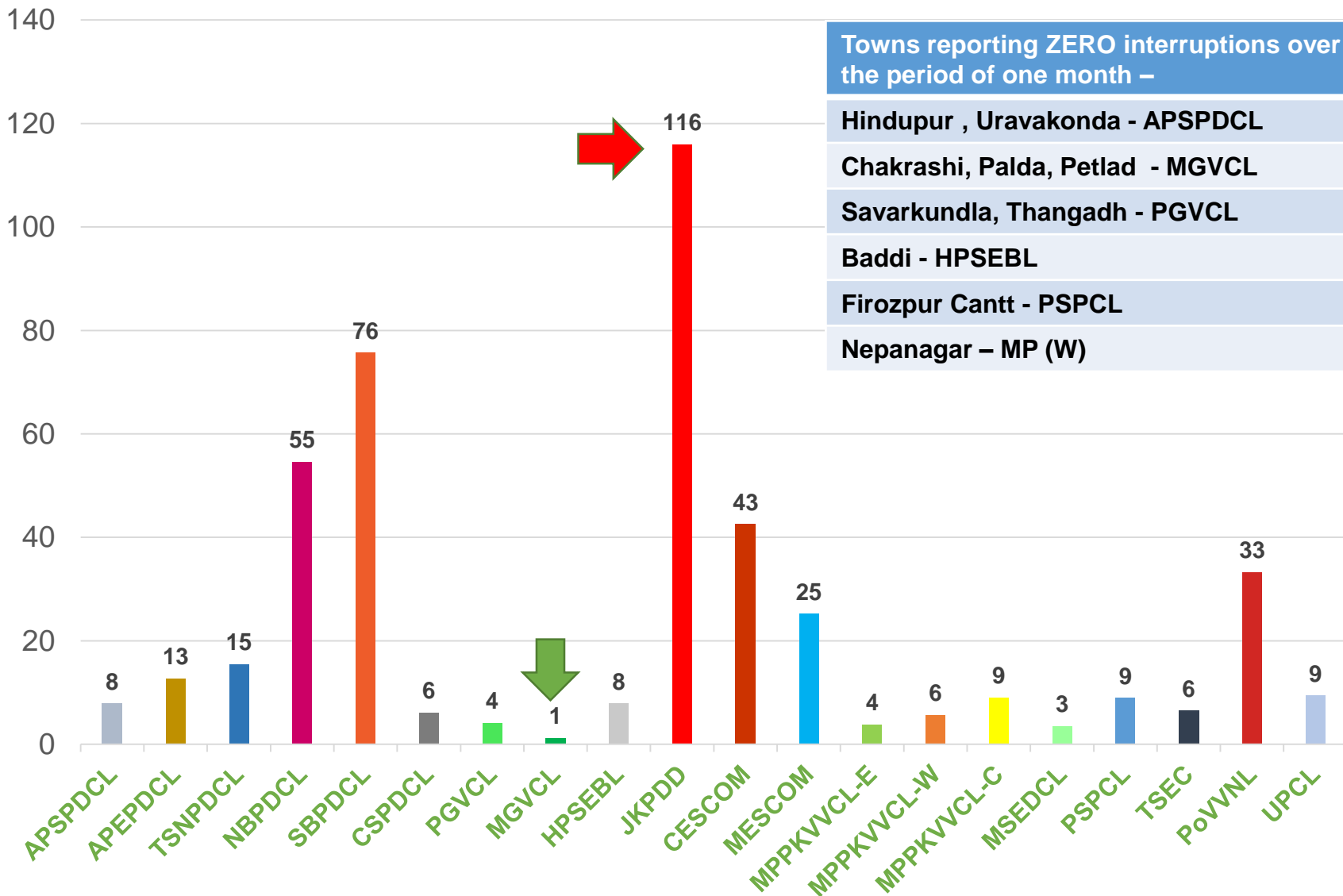
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# Power Reliability – SAIFI

## System Average Interruption Frequency Index



Monthly Frequency of Interruptions  
(number)



**Towns reporting ZERO interruptions over the period of one month –**

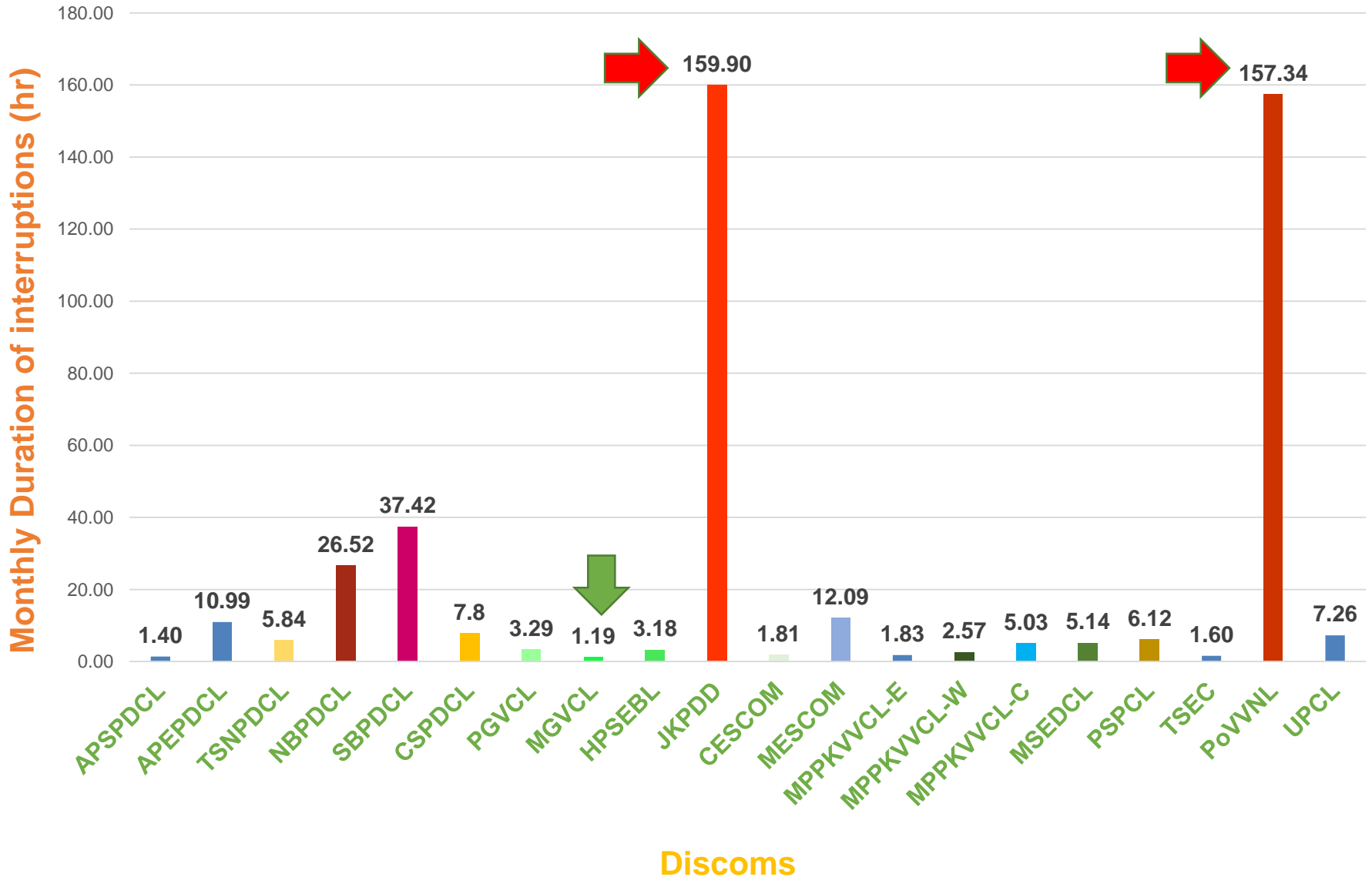
- Hindupur , Uravakonda - APSPDCL
- Chakrashi, Palda, Petlad - MGVCL
- Savarkundla, Thangadh - PGVCL
- Baddi - HPSEBL
- Firozpur Cantt - PSPCL
- Nepanagar – MP (W)

Discoms



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# Power Reliability – SAIDI System Average Interruption Duration Index







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# Progressive Competitiveness



## -Ranking of States based on Post Go-Live Reports

### Ranking of States based on:

% of Go-Live Towns where AT&C Losses reduced

*(Dec'15 Ranking: 1. Tripura, **Sikkim** 2. Gujarat, AP, Telangana, WB 3. Chhattisgarh)*

% of New Connections release as per SERC Guidelines

*(Dec'15 Ranking: 1.AP, HP, **Sikkim** 2.Gujarat 3. Uttarakhand)*

% E-Payment viz. % of Consumers using e-payment facility

*(Dec'15 Ranking: 1.Guj [MGVCL] 2. **UP[PaVVNL], Guj [DGVCL]** 3. Pb [PSPCL]*

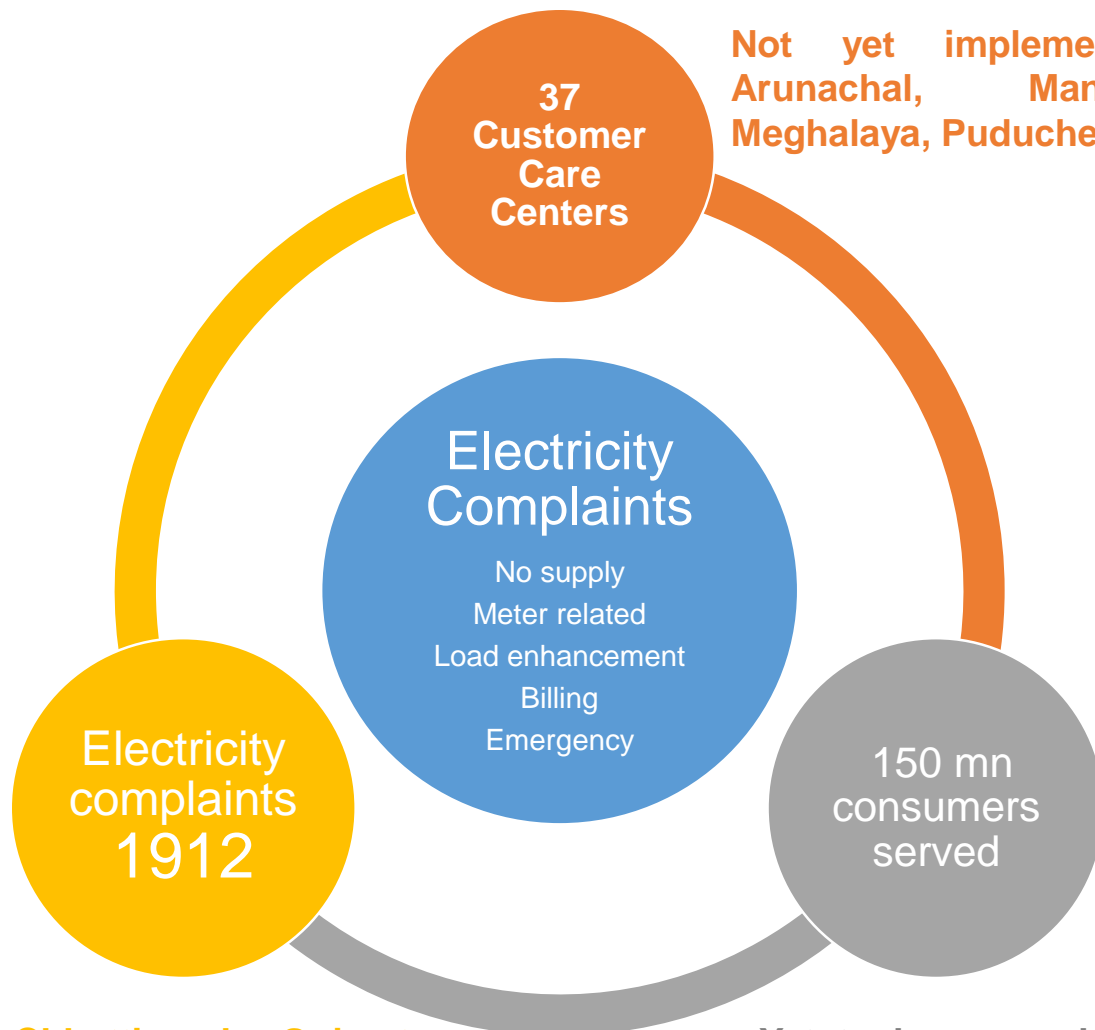
% of Consumer Grievance Redressal as per SERC Guidelines

*(Dec'15 Ranking: 1. Gujarat 2.AP 3.Telangana )*



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# Enhanced Consumer Connect through IT



Not yet implemented by Assam, Arunachal, Manipur, Mizoram, Meghalaya, Puducherry, Goa

Implemented by AP, Chhattisgarh, Gujarat, Jharkhand, Karnataka, Kerala, MP, Punjab, TN, Telangana, Uttarakhand

Yet to be expanded state-wide by MP, Rajasthan, TN



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# New Initiatives



## Study on Segregation of Commercial Loss from overall AT&C loss of 10 pilot towns

- Standing Committee in its meeting on 26-10-2015 desired to have said study
- Study being undertaken in towns of AP, Haryana, HP, Gujarat, Maharashtra, MP, Telangana, Uttarakhand, UP, West Bengal
- Inputs yet to be received from **Haryana, HP, Maharashtra, UP, West Bengal**
- Comprehensive report to be submitted thereafter

## Study of 10 DISCOMs where AT&C loss has reduced in last five years

- Standing Committee in its meeting on 19-10-2015 desired to have said study
- Study being undertaken in Discoms of AP, Gujarat, Karnataka, Maharashtra, MP, Uttarakhand, West Bengal
- Study visit already undertaken in AP, Gujarat, Maharashtra, MP, West Bengal; being planned in Karnataka and Uttarakhand shortly
- Comprehensive report to be submitted thereafter

## Mobile App for Urban Power Distribution sector - URJA

### CONSUMER

- Consumer Services Information (Grievance redressal, New Connections)
- Power reliability status at town level (outage schedule)
- Basic Project Information
- Interactive Feedback

### DISCOMS

- Town-wise/Feeder AT & C loss information
- Report on AT&C loss consumer parameters
- Ranking – Inter-state and Intra State
- Project Monitoring Information

### URJA

### MoP

- Reports on AT & C loss
- Reports on Consumer parameters
- Ranking of States on different parameters
- Progress of states on Urban sector Power Distribution schemes

### PFC

- Updation of Information related to Urban sector Power Distribution projects and monitoring of other parameters



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# Issues being Flagged



## States to

- Expedite **Go-Live of balance towns / establish Baseline AT&C losses** in balance 88 towns by **Mar'16**
- Expedite verification of Part A (IT) by **TPIEA-IT**
- **Expedite Part B and SCADA** implementation
- **Award all balance projects** (Part A [IT] / SCADA/ Part B) by **end Feb'16** – else PFC shall be constrained to recommend cancellation
- **Monitor Power reliability of all towns – SAIFI/SAIDI**
- **Focus on better customer care handling and implement short code for Electricity Complaints - 1912**
- Provide **suggestions/ inputs** for **Mobile App (URJA)** planned for Urban Distribution Sector



# धन्यवाद ।