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 though IT
- New Initiatives
- Issues being flagged

Review, Planning & Monitoring meeting

11-Jan-2016
## IPDS: Implementation Issues

<table>
<thead>
<tr>
<th>Issue</th>
<th>Status</th>
</tr>
</thead>
</table>
| **IPDS Beneficiary States to expedite executing TPA and appoint PMA** | • TPA executed - AP, Bihar, Chttgh, Guj (except DGVCL), Har (UH), HP, Kar (except HESCOM), MP, TSSPDCL, UP (Pu & Pa), Uttkhd, WB - (20/57)  
  • PMA - AP, Chttsgh, Guj (MG & PG), Har, HP, Mah, MP (W & C), Odisha, Punjab, UP (Mv, Pu, Po), Sikkim, Uttkhd, WB – (21/57)  
  • Compliance Awaited from Others                                    |
| **Baseline AT&C Loss Establishment**                                  | • Ring fencing yet to be completed in J&K – 17 towns  
  • Baseline AT&C yet to be established in 88 Towns  
    Bihar-30, Jharkhand-15, J&K-17, Odisha-12, Goa-4, Puducherry-4, Arunachal Pradesh -4 & Mizoram-2 |
| **Go-live of towns (1131/1409)**                                      | • 278 towns yet to be declared Go-Live  
  • 100 towns targeted by Mar 2016  
| **Discoms to analyze reasons of non-reduction of AT&C loss in Go-Live Towns & take corrective measures** | • PFC is regularly taking up the issue with concerned MDs  
  • AT&C Loss reduction reported in 75% of Go-Live towns vis-à-vis 74% Go-Live towns in previous month  
  • States to analyze reasons and take continuous administrative measures for reduction |
## IPDS: Implementation Issues

<table>
<thead>
<tr>
<th>Issue</th>
<th>Status</th>
</tr>
</thead>
</table>
| **Discoms to provide Power reliability data in form of SAIFI/SAIDI Indices** | • Feeder-wise SAIFI/SAIDI submitted by 20 Discoms for 496 towns  
• States to monitor SAIFI/SAIDI and take continuous administrative measures for improvement |
| **States to share details of all feeders with NIC/PFC for OFMS under National Power Portal (NPP) being developed by NIC** | • West Bengal pilot completed  
• Maharashtra, AP, Gujarat, Uttarakhand taken up  
• Roll Out plan  
  o Telangana, Sikkim, Chhattisgarh by Jan’16  
  o MP, Assam, Tripura by Feb’16  
  o All States targeted by Mar’16 |
| **Cancellation of Part-B projects, yet to be awarded** | • Compliance [Award/Request for cancellation] awaited  
  o UHBVN(Haryana) -18 Towns, DHBVN – 1 Town  
  o Odisha-12 Towns  
  o Jharkhand-30 Towns  
  o TN-4 Towns |
| **Completion of Part-B projects** | • 360 towns completed till Dec 2015  
• 90 more targeted by Mar 2016  
  TN-30, Rajn-20, Karnataka-12, Punjab-10, WB-7, Guj-4, Maha-4, HP-3 |
<table>
<thead>
<tr>
<th>Issue</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SCADA Schemes sanctioned for 72 Towns from FY 10 to FY14</strong></td>
<td>• <strong>Trichy</strong> town of TANGEDCO in final leg of completion</td>
</tr>
<tr>
<td></td>
<td>• 23 Control Centres Commissioned [Maha-5, TN-7, MP-5, Raj-4, Assam-1, Bihar-1]</td>
</tr>
<tr>
<td><strong>Readiness of Control Center Building with infrastructure</strong></td>
<td><strong>Yet to be ready in 19 Towns</strong></td>
</tr>
<tr>
<td></td>
<td>o <strong>UP-9 Towns</strong> [all except PuVVNL] [Sanctioned FY11-12]</td>
</tr>
<tr>
<td></td>
<td>o <strong>Punjab-3</strong> [Sanctioned FY11-12]</td>
</tr>
<tr>
<td></td>
<td>o <strong>J&amp;K-2</strong> [Sanctioned FY11-12]</td>
</tr>
<tr>
<td></td>
<td>o <strong>WB-1</strong> [Sanctioned FY11-12]</td>
</tr>
<tr>
<td></td>
<td>o <strong>Jharkhand-3</strong> [Sanctioned FY12-13]</td>
</tr>
<tr>
<td></td>
<td>o <strong>Haryana-1</strong> [Sanctioned FY12-13]</td>
</tr>
<tr>
<td><strong>SCADA Enabler Award</strong></td>
<td><strong>Yet to be awarded for 22 Towns</strong></td>
</tr>
<tr>
<td></td>
<td>[UP-12, Punjab-3, Jharkhand-3, Telangana-2, Pudu-1, Haryana-1]</td>
</tr>
<tr>
<td><strong>Control Center Commissioning targeted in addl. 26 Towns by March’16</strong></td>
<td>[Maha-3,UK-1, Gujarat-6, Kerala-3, Punjab-3, Rajn.-1, Telangana-2, AP-4 &amp; WB-3]</td>
</tr>
</tbody>
</table>
Snapshot of Go-Live towns (31st Dec 2015)

Total eligible – 1409 towns

Go-Live - 1131 towns

States with all towns Go-Live
States with partial towns Go-Live
< 10% towns Go-Live
Work not awarded

To Monitor Go-Live parameters
To expedite completion
To expedite work
To expedite award of work

Total eligible – 1409 towns
Go-Live - 1131 towns
## Go-Live Impact

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TOWNWISE AT &amp; C LOSS MONITORING</strong></td>
<td></td>
</tr>
</tbody>
</table>
| 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  
Connections released as per SERC norm (out of connection released) | 15%  
73% |
| E-Payment Reported | 0.02 -18 % |
| **COMPLAINT REDRESSAL MECHANISM** | |
| Complaints redressed  
Redressal within SERC timelines (out of complaints redressed) | 51%  
72 % |
| **POWER RELIABILITY** | |
| Town-wise Reliability captured using SAIFI/SAIDI (monthly) | **SAIFI** – 52 towns > 30 interruptions  
**SAIDI** - 40 towns > 30 hr |
Power Reliability – SAIFI
System Average Interruption Frequency Index

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)
Power Reliability – SAIDI
System Average Interruption Duration Index

Discoms
## Progressive Competitiveness
- Ranking of States based on Post Go-Live Reports

### Ranking of States based on:

<table>
<thead>
<tr>
<th>% of Go-Live Towns where AT&amp;C Losses reduced</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>% of New Connections release as per SERC Guidelines</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>% E-Payment viz. % of Consumers using e-payment facility</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>% of Consumer Grievance Redressal as per SERC Guidelines</th>
</tr>
</thead>
</table>
Enhanced Consumer Connect though IT

37 Customer Care Centers

Electricity Complaints
- No supply
- Meter related
- Load enhancement
- Billing
- Emergency

Electricity complaints 1912

150 mn consumers served

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
# 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
New Initiatives

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

**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
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।