



# Integrated Power Development Scheme & Urban Distribution Issues Review, Planning & Monitoring meeting

**22-03-2018**



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# Points of Discussion



- Expediting **physical progress of ST & D projects**
  - **Regular review** of work by Head of Discoms/ State's DRC
  - Submission of **Monthly progress reports signed by Head of Discom**
- Submission of **awarded IPDS BoQ and cost by 31.03.18** for reconciliation and approval by MoP
- Ensuring **metering of Feeders and New DTs** being installed under IPDS
- Expediting **award of IT Phase-II and ERP**
- Ensure submission of **DRC approval /DISHA Consent**
  - Smart Meters Solutions – AP, Chhattisgarh, Kerala, Karnataka, Telangana, Rajasthan, Gujarat, Bihar, HP, MP, Punjab
  - Other schemes – Nagaland, Arun. Pradesh, Bihar, Telangana
- Submission of **closure for R-APDRP Part A [IT & SCADA] & Part B**
- Administrative measures to bring down AT&C loss of towns below 10%
- Aggregate quantities of Smart meters/ Pre-paid meters



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# IPDS snapshot



All progress till 19.02.2018

**Rs 28,405 Cr sanctioned** [Rs. 17,623 Cr GOI Grant]

**additional Rs 1804 Cr approved**

**Grant released Rs 5,016 Cr (29%)**

- **Rs 26,832 Cr** sanctioned for **System Strengthening** (ST&D) in 545 circles (3616 towns)

ST&D projects	Amt Rs Cr	%	Remarks
<b>NIT floated</b>	25923	97	Pending for Meters, Solar etc in some Discoms
<b>Awarded</b>	24660	92	<b>Pending</b> in A&N, Delhi, Goa, J&K, Puducherry, Sikkim

- **Rs 985 Cr** for **IT enablement** of Discoms , **Rs 588 Cr** for **ERP**



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# IPDS – ST & D Progress snapshot



All progress till 19.02.2018

Milestone Name		Unit	Sanction	Award	Survey Complete	WIP	Completion	% Physical progress achieved
Substation	New Substation	No.	1,095	995	886	616	202	43%
	Capacity enhancement & Addl. Xrs	No.	1,365	1,439	1,280	533	394	39%
Over-head Lines	HT (33 & 11KV)	Km	35,043	35,473	23,558	7,304	3,810	21%
	LT (440 V)	Km	20,280	19,666	12,907	4,297	2,661	23%
Cables	Aerial Bunch / UG	Km	72,067	75,245	58,158	18,884	12,964	27%
Distribution Transformers		No.	50,197	59,429	52,365	20,844	16,304	37%
Meters	Smart/ Prepaid	No.	312,455	47,032	26,980	2,536	2,007	10%
	Consumer-System	No.	8,736,585	8,653,823	5,653,640	2,437,614	1,757,479	29%
Solar Panels		KWp	38,316	41,631	29,887	11,334	10,605	31%

WIP – Civil, Materials at site, Erection

Physical progress weightages : 10%- Survey, 15% - Civil, 35% - Materials at site, 20% - Erection, 20% - Completion

## Overall Physical progress – 25 %



# State-wise Physical progress snapshot



All progress till 19.02.2018

AP, Guj, Tripura, UP – 4 States

> 40 %

Kerala, Kar, Mah, Manipur, Odisha, Telangana – 6 States

21-40 %

0 % AN Islands, Arunchal, Delhi, Goa, HP, J&K, Pudu, Sikkim – 8 States

All India Physical progress 25 %

11-20 %

1-10 % Assam, Haryana, Jharkhand, Meghalaya, PB - 5 States

Bihar, CG, MP, Nagaland, Raj, TN, UK, WB – 8 States



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# IT Phase – II under IPDS



## • IT Phase - II

	States	Towns	Amount Rs Cr	States
<b>Sanctioned Mar – Jul 17</b>	17	1,293	750	AP, CG, Guj, Ker, Telg, UK, Assam, Har, HP, Kar, MH, MP, Pb, Od, WB, Jhkh, J&K
<b>Sanctioned Feb 18</b>	7	639	131	Bihar, UP, Mizo, Manipur, Arl P, Nagaland, Raj [2 Discoms]
			~104	Mainly for DC/DR in Guj, AP, Assam
<b>TOTAL</b>	<b>24</b>	<b>1,932</b>	<b>985</b>	

Status	States
<b>Work awarded</b>	2 States - Uttarakhand , Punjab (partial)
<b>RfP floated</b>	9 States - AP, CG, Har, HP, Kar, Kerala, Mah, Telg, WB
<b>RfP under preparation</b>	4 States - MP, Assam, Odisha, Guj
<b>To initiate action</b>	<b>9 States – J &amp; K, Jharkhand, Bihar, UP, Mizo, Manipur, Arl P, Nagaland, Raj [2 Discoms]</b>



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# Other projects under IPDS



- ERP**

States sanctioned	Remarks
<b>Green field projects</b>	
Bihar, Kerala, UK, Raj, Punjab, Odisha, Tripura, UP, Kar (BESCOM)	To expedite award of work and ensure integration with IPDS
<b>Existing ERP upgradation</b>	
AP, Telangana, CG, Gujarat, HP, Kar (CESC), Mah	To expedite award of work and ensure integration with existing system and IPDS
<b>In principle sanction</b>	
NER	DPR to be submitted

- Smart metering Solutions** - Projects for Smart metering Solutions for 11 States worth **Rs. 750 Cr** approved by MoP /MC – **DRC approval / DISHA consent to be submitted by States**



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# R-APDRP (subsumed in IPDS) at a Glance

## IT projects (Part-A)

All progress till 19.02.2018

- Rs 5,375 Cr sanctioned for 1405 Towns in 30 States
- Gol loan - Rs 3,543 Cr disbursed till date
- 1,376 towns Go-Live, data from 31,687 Urban feeders on NPP

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## SCADA projects (Part-A)

- Rs 1,251 Cr sanctioned for 59 Towns in 18 States
- Gol loan - Rs 533 Cr disbursed till date
- 52 Control Centers commissioned, functional in 25 Towns

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## System Strengthening (Part-B)

- Rs 30,897 Cr (Gol loan 10,497 Cr) sanctioned for 1,227 Towns in 26 States
- Gol loan - Rs.6,742 Cr disbursed till date
- 1113 towns completed

Cumulative Sanc. Rs.37,523 Cr., Gol loan Rs 17,122 Cr, Disb. Rs.10,818 Cr.





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# R-APDRP Part-A [ IT ] completion & closure



S.No.	Requirement	States Name
<b>TPIEA-IT verification completed, closure awaited</b>		
1	Closure awaited > 1 year	Gujarat, UK
2	Closure awaited	Bihar, Kerala, Goa, HP
<b>TPIEA-IT verification to be completed</b>		
3	To ensure TPIEA-IT verification by March 2018	Haryana, UP
4	TPIEA-IT deployed/ to be deployed	NE, Jhar, Raj, J&K
<b>Part-A IT Project Completion</b>		
5	Not likely to be completed by Mar-18	Odisha, TN, Puducherry



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# R-APDRP Part B completion & closure



States' Name	Total Towns	Towns completed	Towns NOT likely to be completed by March 2018	Towns committed to complete by March 2018
J&K	30	-	30	-
Odisha	12	-	12	-
Jharkhand	30	-	6	24
Meghalaya	9	-	3	6
Puducherry	1	-	1	-
<b> </b>				
Punjab	46	29		17
UP	167	157		10
WB	59	55		4
MP	81	80		1
<b>ALL INDIA</b>	<b>1227</b>	<b>1113</b>	<b>54</b>	<b>62</b>

- Part B closed for 316 completed Towns
- All States to submit Part B closure for balance completed Towns



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# R-APDRP Part-A SCADA completion



States	Remarks
TN (7/7 Towns), Bihar (1/1), Assam (1/1), MP (2/5), Mah (6/8), Raj (3/5)	To expedite verification of SCADA work
Maharashtra (2/8) , UK (1/1)	Likely to complete by March 2018
AP (3/4), Gujarat (5/6), WB (1/3), Kerala (3/3), MP (3/5), Odisha (2/2), Telangana (1/2)	To expedite completion
Punjab (3/3) and Rajasthan (2/5)	SCADA Enablers quantities reduced substantially – to commit to install substantial quantities to achieve SCADA/ DMS objective
J&K (2/2), Jharkhand (3/3), Puducherry (1/1)	No/ very slow progress. Completion not likely even by end of 2018



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# State-wise progress



All progress till 19.03.2018

1	<a href="#">A &amp; N Islands</a>	17	<a href="#">Maharashtra</a>
2	<a href="#">Andhra Pradesh</a>	18	<a href="#">Manipur</a>
3	<a href="#">Arunl Pradesh</a>	19	<a href="#">Meghalaya</a>
4	<a href="#">Assam</a>	20	<a href="#">Mizoram</a>
5	<a href="#">Bihar</a>	21	<a href="#">Nagaland</a>
6	<a href="#">Chhattisgarh</a>	22	<a href="#">Odisha</a>
7	<a href="#">Delhi</a>	23	<a href="#">Puducherry</a>
8	<a href="#">Goa</a>	24	<a href="#">Punjab</a>
9	<a href="#">Gujarat</a>	25	<a href="#">Rajasthan</a>
10	<a href="#">Haryana</a>	26	<a href="#">Sikkim</a>
11	<a href="#">HP</a>	27	<a href="#">Tamil Nadu</a>
12	<a href="#">J &amp; K</a>	28	<a href="#">Telangana</a>
13	<a href="#">Jharkhand</a>	29	<a href="#">Tripura</a>
14	<a href="#">Karnataka</a>	30	<a href="#">Uttar Pradesh</a>
15	<a href="#">Kerala</a>	31	<a href="#">Uttarakhand</a>
16	<a href="#">MP</a>	32	<a href="#">West Bengal</a>



# धन्यवाद।



Dial 1912 for  
'Complaints on Electricity'