



GOVERNMENT OF INDIA
MINISTRY OF POWER



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

12-Feb-2018



सत्यमेव जयते

IPDS snapshot



All progress till 08.02.2018

Rs 28,405 Cr sanctioned [Rs. 17,623 Cr GOI Grant] , **addl Rs. 1804 Cr approved**

Rs. 4,877 Cr Grant released

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

| ST&D projects | Amt Rs Cr | % | Remarks |
|--------------------|---------------|-----|------------------------------------------------------------|
| NIT floated | 25,615 | 95% | Pending in J&K [5/12 circles] |
| Awarded | 24,284 | 91% | Pending in A&N, Delhi, Goa, J&K, Puducherry, Sikkim |

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

- **States requested to**

- **Expedite award of IT Phase –II, ERP and physical progress of ST & D projects**
- **Ensure Review of projects by Head of Discoms/ State’s DRC**
- **Aggregate quantities of Smart meters/ Pre-paid meters**



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IT Phase – II under IPDS



• IT Phase - II

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

| NIT Status | Progress / Achievement |
|-----------------------|-----------------------------------------------------------------|
| RfP floated | 10 States - AP, Telangana, CG, Kerala, UK, HP, Har, Mah, Pb, WB |
| RfP under preparation | 5 States - MP, Assam, Kar, Odisha, Guj |
| To initiate action | 2 States – J & K, Jharkhand |
| Award of Work | 2 States - UK , Pb (partial) |



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Timelines: IT Phase-II



| Activity | Timeline |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| NIT, Bid evaluation and Award by Utility | 3 months from date of sanction |
| <ul style="list-style-type: none">• AP, Tel, Guj, Ker, CG: > 10 months elapsed since sanction• Kar, MP, Odisha, Har, HP, MH, Assam, WB, J&K: > 6 months elapsed since sanction | |
| Project Implementation of priority items related to availability of energy flow information | 9 months from date of award |
| Implementation of other items, project completion and verification by Third party | 24 months from date of award |



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Other projects under IPDS



- **ERP**

Work envisaged under the scope:

- Full use ERP licenses (Materials: Purchase & Stores, Finance & Accounts, HR functions are main functionalities) apart from ESS and Payroll licenses
- Additional Servers & Storage to host ERP applications after utilizing existing IT infrastructure (under RAPDRP or own)
- IT infrastructure (Router, Sw, PC, Printer) in Stores (if not covered in R-APDRP)
- Exclusions: Revenue expenditure, such as FMS, AMC, ATS, Network BW

Implementation methodology:

- Through e-tendering mode
- Turnkey/partial turnkey basis as per requirement of Utility
- Utilities may specify ERP requirement/specifications based on their need in RFP
- Pre-Qualifying requirements and Payment terms were finalized by a Committee based on inputs received from Utilities and informed to Utilities on 16.02.2017

Timelines:

- | | |
|-----------------------------------------|----------------------------------------|
| • Award : 6 months from Sanction | • Implementation: 24 months from award |
|-----------------------------------------|----------------------------------------|



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Other projects under IPDS



- ERP**

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

- Smart metering Solutions** - Projects for Smart metering Solutions for 11 States worth **Rs. 750 Cr** considered by XI Monitoring Committee



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Urban Household Electrification status



| Sl. No. | State | No. of Unelectrified Urban Households as per PFA document | Current Status of Unelectrified Urban Households |
|--------------|----------------|-----------------------------------------------------------|--------------------------------------------------|
| 1 | Uttar Pradesh | 15,06,190 | 15,06,190 |
| 2 | Odisha | 3,10,071 | 3,10,071 |
| 3 | Bihar | 3,06,177 | 3,06,177 |
| 4 | Jharkhand | 1,99,381 | 1,99,381 |
| 5 | Assam | 1,74,404 | 1,74,404 |
| 6 | Manipur | 46,386 | 46,386 |
| 7 | Nagaland | 24,566 | 24,566 |
| 8 | Mizoram | 18,501 | 18,501 |
| 9 | Sikkim | 2,845 | 2,845 |
| 11 | D & N Haveli | 587 | 587 |
| 12 | Lakshadweep | 38 | 38 |
| 1 | Rajasthan | 5,00,000 | 0 |
| 2 | Karnataka | 2,86,678 | 0 |
| 3 | Madhya Pradesh | 1,44,222 | 60,576 |
| 4 | Kerala | 1,25,444 | 0 |
| 5 | Maharashtra | 63,603 | 0 |
| 6 | Chhattisgarh | 62,377 | 23,152 |
| 7 | Telangana | 44,532 | 0 |
| 8 | Meghalaya | 20,668 | 0 |
| 9 | Tripura | 9,089 | 0 |
| 10 | Puducherry | 3,450 | 0 |
| TOTAL | | 38,49,209 | 26,72,874 |

Updated data submitted by States in response to CMD, PFC letter



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AT&C loss in Towns

Jan 2018 and Jan 2017

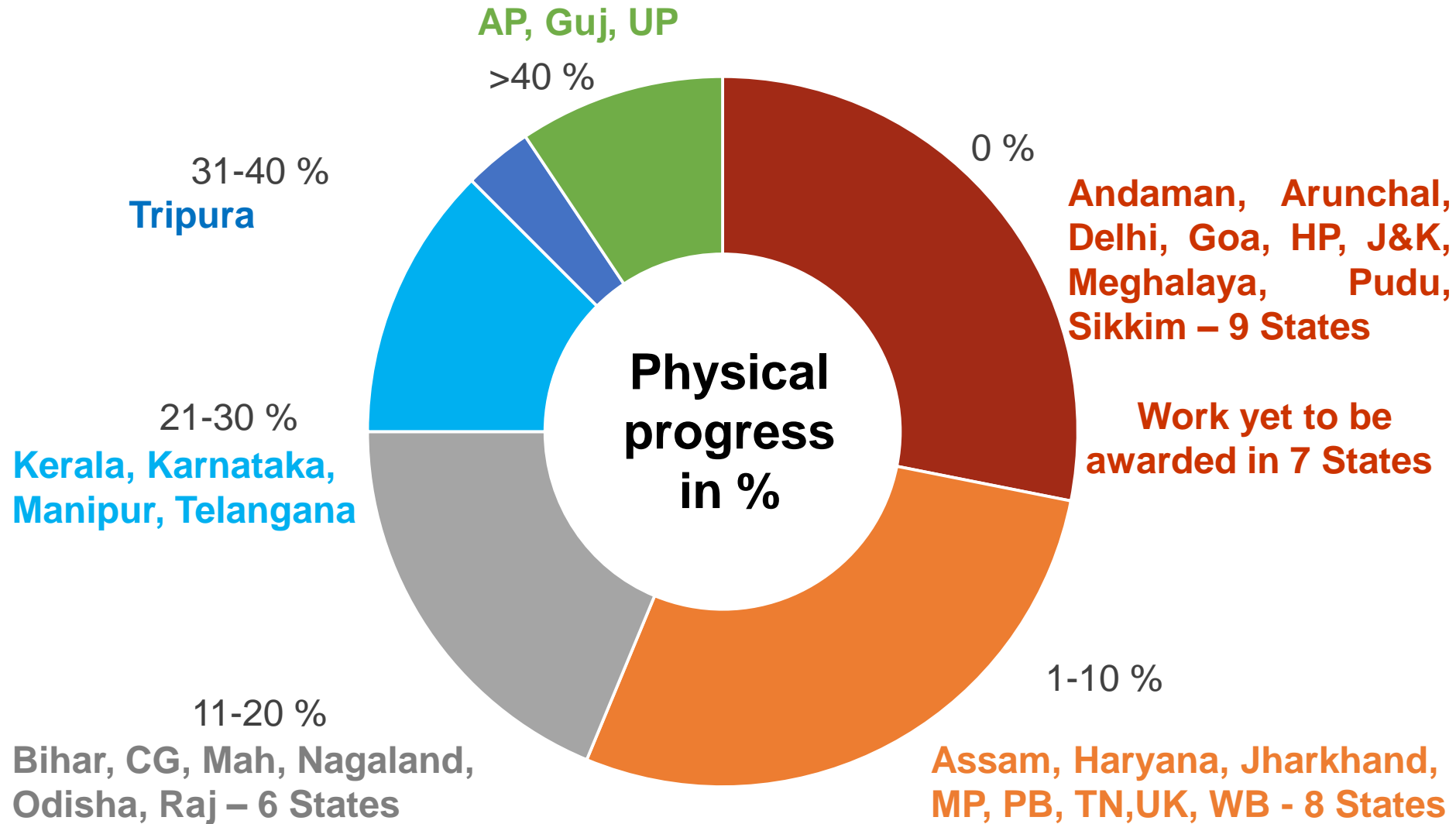


| S.N | State / Loss → | 0 & <=10 | | >10 & <=15 | | >15 & <=20 | | >20 & <=30 | | >30 | |
|------------------|----------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 1 | AP | 75 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | Assam | 9 | 4 | 6 | 7 | 7 | 9 | 24 | 20 | 20 | 27 |
| 3 | Bihar | 0 | 0 | 0 | 0 | 2 | 4 | 8 | 7 | 57 | 56 |
| 4 | CG | 2 | 2 | 4 | 3 | 2 | 4 | 8 | 4 | 4 | 7 |
| 5 | Goa | 2 | | 1 | | 0 | | 1 | | 0 | |
| 6 | Gujarat | 41 | 42 | 20 | 22 | 9 | 12 | 12 | 6 | 2 | 2 |
| 7 | Haryana | 1 | 1 | 5 | 2 | 11 | 0 | 12 | 8 | 7 | 21 |
| 8 | HP | 11 | 0 | 3 | 3 | 0 | 4 | 0 | 4 | 0 | 3 |
| 9 | J&K | 0 | | 0 | | 0 | | 0 | | 12 | |
| 10 | Jharkhand | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 14 | 20 |
| 11 | Karnataka | 9 | 12 | 28 | 27 | 31 | 31 | 26 | 23 | 4 | 4 |
| 12 | Kerala | 1 | 0 | 6 | 0 | 12 | 4 | 11 | 8 | 13 | 28 |
| 13 | MP | 6 | 10 | 22 | 19 | 17 | 16 | 22 | 18 | 16 | 20 |
| 14 | Mah | 19 | 23 | 27 | 21 | 20 | 22 | 28 | 23 | 34 | 39 |
| 15 | Meghalaya | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 5 |
| 16 | Punjab | 9 | 1 | 8 | 3 | 1 | 2 | 13 | 13 | 16 | 28 |
| 17 | Rajasthan | 12 | 5 | 9 | 2 | 5 | 4 | 11 | 12 | 15 | 14 |
| 18 | Sikkim | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| 19 | Tamil Nadu | 15 | 2 | 77 | 15 | 9 | 33 | 1 | 37 | 0 | 15 |
| 20 | Telangana | 12 | 10 | 21 | 17 | 3 | 9 | 2 | 2 | 0 | 0 |
| 21 | Tripura | 16 | 8 | 0 | 6 | 0 | 2 | 0 | 0 | 0 | 0 |
| 22 | UP | 1 | 14 | 6 | 21 | 26 | 22 | 51 | 34 | 84 | 77 |
| 23 | UK | 1 | 0 | 0 | 1 | 1 | 3 | 11 | 5 | 18 | 22 |
| 24 | WB | 0 | 4 | 4 | 5 | 6 | 14 | 21 | 31 | 30 | 7 |
| All India | | 245 | 214 | 247 | 174 | 162 | 195 | 263 | 260 | 354 | 397 |

Source: System generated Post Go-Live Report, as submitted by Utilities for R-APDRP towns in Jan 2018 and Jan 2017 resp.



State-wise progress snapshot – ST&D projects





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IPDS – ST & D Progress snapshot



All progress till 08.02.2018

| Milestone Name | Unit | Sanction | Award | Survey Complete | WIP | Completion | % Physical progress achieved | |
|---------------------------|----------------------------------|----------|-----------|-----------------|-----------|------------|------------------------------|-----|
| Substation | New Substation | No. | 1,097 | 982 | 852 | 445 | 155 | 33% |
| | Capacity enhancement & Addl. Xrs | No. | 1,353 | 1,399 | 1,243 | 441 | 337 | 34% |
| Over-head Lines | HT (33 & 11KV) | Km | 35,039 | 35,709 | 23,193 | 7,054 | 3,440 | 20% |
| | LT (440 V) | Km | 20,275 | 20,210 | 13,058 | 3,554 | 2,036 | 19% |
| Cables | Aerial Bunch / UG | Km | 72,332 | 72,654 | 57,238 | 16,237 | 11,258 | 25% |
| Distribution Transformers | | MVA | 7,271 | 8,318 | 7,093 | 2,490 | 2,028 | 33% |
| Meters | Smart/ Prepaid | No. | 3,12,400 | 95,267 | 76,695 | 2,211 | 1,181 | 10% |
| | Consumer-System | No. | 87,30,967 | 80,92,299 | 45,90,236 | 13,49,010 | 10,86,000 | 19% |
| Solar Panels | | KWp | 38,319 | 41,824 | 29,524 | 9,625 | 8,773 | 27% |

WIP – Civil, Materials at site, Erection

Overall Physical progress – **21%**



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State-wise progress



All progress till 08.02.2018

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



धन्यवाद।



Dial 1912 for
'Complaints on Electricity'