

**Record Notes of discussions on IPDS Online Project Monitoring System with  
Discom Officers, respective PMAs and UVAs**

Workshop for Online Project Monitoring System was held on 13.02.2018 in the Conference Hall, Power Finance Corporation Limited, New Delhi. List of participants are enclosed in **Annexure-III**.

EDs (IPDS) welcomed the State Discoms' Nodal Officers as well as representatives of respective Project Management Agencies (PMA) and all Urban Vidyut Abhiyantas (UVA) in the workshop. They mentioned that the IPDS progress is being reviewed by top management on fortnightly basis, by MoSP on every 1<sup>st</sup> Monday of the month and by PMO on regular interval, based on the data filled in the Online Project Monitoring System. Discoms are requested to update the IPDS progress on IPDS Portal on weekly basis. UVAs were advised to coordinate with concerned Nodal officers/PMA at Discom level on a daily basis to keep the system up to date.

Following important information regarding IPDS scheme was also shared:

1. All IPDS project to be awarded by 31.03.2018, failing which the balance may be cancelled.
2. Discom to map their vendors on PFMS before release of payment.
3. Discom to submit UC in required format by 30<sup>th</sup> April, every year.
4. Discom to ensure auditing of IPDS account by independent CA & submit CA certificate by 30<sup>th</sup> June, every year.
5. There should NOT be any diversion of fund, and interest earned on unutilized fund shall be remitted to MoP's account on regular basis, at least once in a quarter.
6. Discoms must ensure a separate Project Monitoring Cell.
7. Installation of Bill Boards and upload the information of IPDS Portal. 3<sup>rd</sup> tranche disbursement may be considered after installation of Bill Boards.
8. Discoms to ensure uploading of information of Land /RoW / Road cutting issue on IPDS Portal.
9. Scope of work of TPCEA was shared and discussed before deputing them to the States.
10. Discoms to submit circle/project wise **awarded** BoQ and cost through a covering letter from MD/CMD by 31.03.2018 in accordance with directions of MoP.

AGM-PFC, demonstrated the process of Online Project Monitoring System with minute details focusing mainly on updation of Physical, financial progress, billboards etc.

It was informed that the IPDS **project monitoring** portal captures the **physical progress of 32 major milestone items** and the circle wise data of each milestone is entered by respective Discoms under following heads -

- |                                                                                                                                                                                                                                                                 |   |                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------------------|
| <ol style="list-style-type: none"><li>a) Physical Target (Awarded quantity)</li><li>b) Survey completed</li><li>c) Civil work in progress</li><li>d) Material at site</li><li>e) Erection completed</li><li>f) Physical achieved (Completed quantity)</li></ol> | } | <b>Captures Work in progress</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------------------|

Further, the data filled in each head should correspond to the **Unit of Milestone** e.g. **Substations** in MVA and Numbers, **11KV lines** in Km line length (Conductor, poles to be converted to Km line length equivalent). It was also discussed that Civil work is not applicable for few items like R&M, re-conductoring, meters etc).

Also, the values of all the above heads are to be entered in the respective units and to prevent any mismatch/ wrong entry in the portal a logic check [**Awarded Quantity ≥ Survey Completed**

**≥ Civil work in progress ≥ Material at Site ≥ Erection Completed ≥ Completed Quantity]** has been implemented. On specific query regarding the above, ED (IPDS) clarified that the same was implemented to capture the real progress and bulk dumping of **material at site** should not be considered as physical progress. The system will not save the values if the above condition is not satisfied and the corresponding cell, where wrong values entered, will be highlighted in red colour.

Finally, the weightages assigned to different heads were discussed and deliberated with the officials:

- **Survey completed**            **10%**
- **Civil work in progress**    **15%**
- **Material at site**                **35%**
- **Erection completed**        **20%**
- **Completed quantity**        **20%**

In case of Milestones where Civil work is NOT APPLICABLE, **Weightage for material at Site is 15+35 = 50%**

Physical progress of each milestone items is calculated as per following formula

**Percentage physical progress achieved against a milestone =**

$[\text{Survey completed} \times 10\% + \text{civil work} \times 15\% + \text{material at site} \times 35\% + \text{erection completed} \times 20\% + \text{completed quantity} \times 20\%]$	/	$[\text{Awarded quantity}]$
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In order to calculate the overall physical progress of a Circle/Discom/State, each item is converted to **equivalent units** of work according to weights given (based on efforts) in **Annexure I**. The Milestone wise weights were deliberated again in the Workshop. After converting each items in **equivalent units** the overall physical progress is calculated using the above formula.

Physical progress data of all participating Discoms, as filled by respective Discoms, were discussed & analysed. While analyzing the filled data following were observed:

1. Some of the Discoms, where works were awarded long back, had not updated awarded quantities and its financial values.
2. Discoms have not yet provided the updated information about Actual amount paid to vendors.
3. Completion date has not been filled in-spite of completion of item like Substations etc.

Various queries raised by the participants and the response to the same are attached at **Annexure –II**. Discoms were asked to update above and rectify the in-correct information within next few days.

It was also informed in the meeting that dates or physical / financial values once entered cannot be reduced. If it is unavoidable, Discom to send a request letter/email, for correction with valid reason, so that the same can be corrected by administrator.

ED (IPDS) appreciated State Nodal Officers and PMAs for their active participation and the participants informed that the workshop was extremely informative.

The meeting ended with a vote of thanks to the chair.

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## Weightage of the Milestone items

S.No	Milestone Name	1 Unit=
1	New Sub-station	1 MVA
2	33/11 KV Addtional Transformer	1 MVA
3	33/11 KV Xr Capacity Enhancement	2 MVA
4	R&M of 33/11 KV S/S	1 No.
5	33 KV New Feeders	0.8 km
6	33 KV Feeder Reconductoring	2 km
7	33 KV Bay Extension at EHV	1 No.
8	11 KV New Feeders	1 Km
9	11 KV Feeder Reconductoring	2 Km
10	Arial Bunched Cable	0.67 km
11	UG Cables	0.5 km
12	11 KV Bay Extension	1 No.
13	Installation of New DT	400 KVA
14	Capacity Enhancement of DT	800 KVA
15	New LT Lines	1.25 Km
16	LT Line Reconductoring	2 Km
17	Capacitor Bank	250 KVAr
18	HVDS	250 KVAr
19	Smart Meter	100 Nos
20	Pre-Paid Meter	100 Nos
21	Boundary Meter	10 Nos
22	Feeder/DT Meter	100 Nos
23	Consumer Meter	200 Nos
24	Solar Panels	5 KWp
25	RMU etc	1 Lot
26	Others	Rs. 2 Lac

**Q&A with participants****1. How material at site is to be decided?**

Material is considered to be at site only if major material reaches the site. E.g. for S/S when transformer reaches the site, for lines when poles/conductor reaches at site, for DT when transformer reaches at site, it is to be considered as material at site. Material at stores etc. may not be considered as material at site.

**2. In case of bulk purchase at level of Discom or multiple circles, material at site is more than civil work in progress but the portal does not allow to enter the value. How to enter the value where material at sites more than civil work in progress?**

In order to capture the physical progress of work, the work should follow the sequence as mentioned in the portal. Considering this material can be at site only when there is some civil work in progress. Bulk dumping of material at site without start of any work will not be considered as physical progress.

**3. What are civil works w.r.t. lines?**

Erection of poles will be considered as civil work in progress in case of lines.

**4. Amount paid to vendors available in the portal does not match with that available in the PFMS. How to address this issue?**

Discoms should make all the payments through PFMS including those paid from own sources or CP loans. The earlier payments may be suitably entered in PFMS to match both the above mentioned data. Also Amount paid to vendors to be updated on IPDS portal at regular interval.

**5. Single vendor is associated with multiple works. How to consider amount paid to vendor in this case?**

Discom has to suitably appropriate the amount paid to vendor project wise / item wise before entering in the portal.

**6. How can the Discom make changes w.r.t. upward or downward revision of awarded quantity, sanctioned quantity and physical progress?**

Discom can make upward revision in awarded quantity and physical progress by themselves. In case of downward revision of quantity, Discom has to justify the same through a mail to Nodal Officer at PFC. BoQ variation in sanctioned quantity within sanctioned amount should be sent to NO, PFC in a letter from MD/CMD, Discom.

**7. If date is entered wrong, how to correct it?**

Any future dates can be entered by Discoms. But for any correction which requires entry of past date, Discom has to justify the same through a mail to Nodal Officer at PFC.

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## Lists of Participants

<u>PFC Officers</u>	<u>UVAs</u>
Sh. Avkash Saxena	Sh. Prakhar Verma (APEPDCL)
Sh. Subir Saha	Sh. Suresh Ram(ASPDCL)
Sh. Arun Kumar	Sh. Shahadul Haque Barbhuiya (APDCL & TSECL)
Sh. A.K Papneja	Sh. Lauveri Laxman (Arunachal-PD)
Sh. Sanjay Rai	Sh. Rakesh Singh (NBPDCCL & SBPDCL)
Sh. A. K. Srivastava	Sh. Mrinal Roy Choudhury (CSPDCL)
Sh. S. K. Srivastava	Sh. Amar Diliprao Thakre (Goa-PD)
Sh. Partha Goswami	Sh. Kumar Ajeet (MGVCL & DGVCL)
Sh. Neeraj Singh	Sh. Rajat Kumar (PGVCL)
Sh. Rajeev Pharlia	Sh. Neeraj Kumar Sharma (UGVCL)
Sh. Agam Tiwari	Sh. Rohit Kumar Dagar (UHBVN)
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Sh. Ashok Rathore	Sh. Shivendra Kumar Sinha (JBVNL)
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Sh. Prashant Moundekar	Sh. Sandeep Kumar Maurya (GESCOM)
Sh. Kamalpreet Singh	Sh. Shreedhar P (HESCOM)
Sh. Sanjesh Banjare	Sh. Rohit Mishra (MESCOM)
Sh. Kuldeep Khokar	Sh. Shashank Srivastava (MePDCL)
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Ms. Madhurima	Sh. Manish Kumar Verma (MPPKVVCL)
Mohd. Fahad Rahman	Sh. Pankaj Sharma (MPPKVVCL)
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Sh. Abhay Goyal	Ms. Vrushali Adkar(MSEDCL)
Sh. Satyaprakash Sahoo	Sh. Ravi Kumar(Mizoram-PD)
Sh. Rathish R	Sh. Rahul Verma (OPTCL)
	Sh. Vishal Puri (PSPCL)
	Sh. Arun Chaudhari (AVVNL)
	Sh. Pranav Shrivastava (JoVVNL)
	Sh. Govind Singh Patel (JVVNL)
	Sh. Gayanendu Mishra (DVVNL)
	Sh. Chandan Kumar Singh (PuVVNL)
	Mohd. Zeeshan Arif (MVVNL & KESCO)
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