

## **INTEGRATED POWER DEVELOPMENT SCHEME(IPDS) AS ON** **15.09.2019**

Govt. of India has launched Integrated Power Development Scheme (IPDS) for the Urban areas (statutory Towns) with the following components:

- (i) Strengthening of Sub-transmission and Distribution network in urban areas including provisioning of solar panels on Govt. buildings including Net-metering.
- (ii) Metering of feeders / distribution transformers / consumers in urban areas and,
- (iii) IT enablement of distribution sector and strengthening of distribution network,

### **Funding pattern**

The financial support under the scheme shall be as under

Govt. of India	:	60% Grant
Contribution by Discoms	:	10%
Loan (FIs/ Banks)/Discom's own fund	:	30%
Additional Grant from GOI for timely completion of Project: 15%		

### **Nodal Agency**

M/s PFC Ltd is the nodal agency for the IPDS scheme.

### **Project Management Agency:**

APSPDCL has issued LOA to M/s PFC consulting Ltd, New Delhi as PMA

### **Statutory towns:**

GOI proposes to cover all statutory towns in the district

### **Implementation Period:**

Projects under the scheme shall be completed within a period of 24 months from the date of issue of Letter of Award (LoA) for turnkey and 30 months from date of sanction of project for semi turnkey project

Details of Sanctioned DPR and Grants by M/s PFC Ltd

(All Amounts are in Crs)

S. No.	Name of the Circle	No. of Towns Covered	Scheme Code	Date of Sanction	Sanctioned DPR Cost (in Crs.)	MoP Grant @ 60% (in Crs.)	GoI Grant for PMA @ 0.5% of Approved DPR	Total GoI Grant
1	Vijayawada	06	31551003	26-02-15	80.84	48.50	0.404	48.91
2	Guntur	13	31551001	26-02-15	99.87	59.92	0.499	60.42
3	Tirupati	08	31551002	26-02-15	45.70	27.42	0.229	27.65
4	Ongole	04	31851008	16-03-16	28.02	16.81	0.140	16.95
5	Nellore	04	31851007	16-03-16	28.39	17.03	0.142	17.18
6	Kadapa	07	31851005	16-03-16	30.33	18.20	0.152	18.35
7	Ananthapuram	07	31851004	16-03-16	29.11	17.47	0.146	17.61
8	Kurnool	05	31851006	16-03-16	26.76	16.06	0.134	16.19

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9	GIS	2	31851G01	07-12-18	57.33	34.40	0.287	34.68
10	RT-DAS	54	31857004	07-12-18	10.57	6.34	0.053	6.39
11	IT Phase-II	11	31857001	22-02-17	16.79	10.07	0.084	10.16
12	ERP	1	31857002	01-03-18	14.21	8.53	0.071	8.60
13	Smart Metering	1	31857003	28-03-18	5.00	3.00	0.025	3.03
<b>Total</b>					<b>472.92</b>	<b>283.75</b>	<b>2.36</b>	<b>286.12</b>

### Work Status

Sl. No	IPDS Phase	Name of the Circle	Work Details	Actual Status
1	IPDS-I	3	Erection <b>37 Nos</b> 33/11 KV Sub Stations & Strengthening Works 1. Outdoor- 12 Nos 2. Indoor/Semi Indoor- 22 Nos 3. GIS- 3 Nos	All Work completed
2	IPDS-II	5	Erection <b>24 Nos</b> 33/11 KV Sub Stations & Strengthening Works 1. Outdoor- 12 Nos 2. Indoor/Semi Indoor- 12 Nos	All Work completed
3	IPDS-III (Addl DPR)	1	1. Erection of 3 Nos New Semi Indoor SS& Lines 2. Erection of 31 Nos 500 KVA Oil Type DTRs	All Work completed
4	IT Phase-II	5	<b>Implementation of IT Enablement Project</b> 1. Addl Server at DC/DR : 15 Nos 2. Addl Licenses : 15 Nos 3. Net work Equipment: 42 Locations 4. Work Station PCs : 86 Nos 5. GIS Survey : 31 SS & 653 CKM 6. Feedr/DT/Boundary Meters : 100 Nos 7. Modems : 897 Nos	1. Hardware Installaed (All 15 Servers ) at DR in Tirupati 2. GIS Servey completed in 11 Towns & Integration works under Progress. 3. M/s Enzen Global IT infra works is under progress and works will be completed on 11/2019
5	ERP	1	<b>Implementation of ERP:</b> Addl. Servers- 1 Nos Full user S4/HANA Licenses (New) - 847 Nos Full user S4/HANA Licenses (Up Gradation) - 950 Nos	1. Migrated and Implemented S4/HANA w.e.f 25.03.2019 2. Analytical Environment (BW) implementation works under Progress.
6	Smart Meter	1	Installation of 25000 Nos Smart Meters in Tirupati Circle	LOA issued to M/s EESL

Sl. No	IPDS Phase	Name of the Circle	Work Details	Actual Status
7	GIS	2	Erection of 8 Nos New GIS SS & Lines + Vijayawada- 3 Nos + Guntur - 5 Nos	3 Nos Tenders called for 8 Nos GIS Sub Stations in Guntur & Vijayawada on 27.04.2019 and Bid opened on 10.05.2019 & Technical Evaluation is under Progress.
8	RT DAS	8	Implementation of Real time data acquisition system in 54 Towns	1 No Tender called for RT-DAS works in 54 Towns on 15.02.2019 and Bid opened on 17.05.2019 & Price Bid Opened on 18.08.19 & LOA will be Awarded by 31.08.19

### Details of item wise works are here with enclosed

Sl. No	Description of Work	Unit	DPR Qty	Revised Agt Qty	Cum Progress	% w.r.t Revised DPR
1	33/11 KV Sub Stations	Nos	61	64	64	100%
a	i) Out Door	Nos	24	24	24	100%
b	ii) Indoor & Semi-Indoor	Nos	33	34	34	100%
c	iii) GIS S/S	Nos	3	3	3	100%
2	33/11 KV S/S : Additional Transformer (PTR)	Nos	9	9	9	100%
3	33/11 KV S/S : Capacity enhancement (PTR)	Nos	15	15	15	100%
4	Renovation & Modernisation of 33/11 kV SS	Nos.	164	167	167	100%
5	33 KV Line: New Feeder	Kms	207.84	267.05	267.05	100%
6	33 KV Line: Reconductoring/Augmentation	Kms	25.60	9.00	9.00	100%
7	11 KV Line: New Feeder	Kms	334.58	246.61	246.61	100%
8	11 kV Line : Augmentation/Reconductoring	Kms	250.03	159.05	159.05	100%
9	Arial Bunched Cable (33KV & 11KV Covered Conductor)	Kms	186.88	155.55	155.55	100%
10	UG Cable ( 33KV & 11 KV)	Kms	57.80	30.38	30.38	100%
11	Installation of Distribution Transformer	Nos	885	904	904	100%
12	Capacity enhancement of LT sub-station (DTR)	Nos	544	536	536	100%
13	LT Line : New Feeder	Kms	345.56	274.02	274.02	100%
14	LT Line : Augmentation	Kms	160.76	87.80	87.80	100%
15	Capacitor Bank	Nos	3	3	3	100%
16	iii) Feeder / DT meters	Nos	8712	4770	4770	100%
17	iv) Consumers meters	Nos	15000	15000	15000	100%
18	Solar Pannel	Kwp	1560	1356	1356	100%
19	Others (Re-Alignment 33KV & 11KV)	Kms	187.87	39.76	39.76	100%

**Status of Claims: Details of funds released under IPDS****(All Amounts are in Crs)**

S. No.	Name of the Circle	DPR Cost	Sanctioned Amount		Claims Submitted		Released Amount		Balance to be Release in Crs	
			Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan
1	IPDS-Phase-I	208.08	124.85	62.42	113.30	55.70	112.68	55.70	0.62	0.00
2	IPDS-Phase-II	142.61	85.57	42.78	77.66	35.61	71.09	35.61	6.57	-
3	IPDS-Phase-III	18.33	11.00	5.50	3.33	-	-	-	3.33	-
4	IT Phase-II	16.79	10.07	5.04	9.14	-	3.05	-	6.10	-
5	ERP	14.21	8.53	4.26	7.73	-	2.58	-	5.15	-
6	Smart Metering	5.00	3.00	1.50	0.91	-	-	-	0.91	-
7	GIS	57.33	34.40	17.20	3.47	-	-	-	3.47	-
8	RT-DAS	10.57	6.34	3.17	0.64	-	0.64	-	-	-
	<b>TOTAL</b>	<b>472.92</b>	<b>283.75</b>	<b>141.88</b>	<b>216.18</b>	<b>91.31</b>	<b>190.03</b>	<b>91.31</b>	<b>26.15</b>	<b>0.00</b>

**District wise Expenditure incurred:****(All Amounts are in Crs)**

S. No.	Name of the Circle	No. of Towns Covered	Scheme Code	Date of Sanction	Sanctioned DPR Cost	Amount Paid to Vendors & Contractors
1	Vijayawada	06	31551003	26-02-15	80.84	82.05
2	Guntur	13	31551001	26-02-15	99.87	81.5
3	Tirupati	08	31551002	26-02-15	45.70	43.10
4	Ongole	04	31851008	16-03-16	28.02	26.40
5	Nellore	04	31851007	16-03-16	28.39	26.24
6	Kadapa	07	31851005	16-03-16	30.33	26.4
7	Ananthapuram	07	31851004	16-03-16	29.11	29.85
8	Kurnool	05	31851006	16-03-16	26.76	25.30
9	GIS	2	31851G01	07-12-18	57.33	0
10	RT-DAS	54	31857004	07-12-18	10.57	0
11	IT Phase-II	11	31857001	22-02-17	16.79	18.28
12	ERP	1	31857002	01-03-18	14.21	15.72
13	Smart Metering	1	31857003	28-03-18	5.00	0
<b>Total</b>					<b>472.92</b>	<b>393.17</b>