

**SUMMARY REPORT FOR COUNCIL OF MINISTERS ON
IMPORTANT DEVELOPMENTS IN POWER SECTOR
DURING THE MONTH OF DECEMBER, 2018**

1. CAPACITY ADDITION (Generation and Transmission)

- (I) Kothagudem TPS U-12 (800 MW) was Commissioned on 26.12.2018
- (II) In the transmission sector 1359ckm of 765kv AC lines, 93ckm of 400 kv AC lines and 288 ckm of 220 kv AC lines have been laid during the month of December,2018.

The details of achievements in capacity addition as well as a comparison with the corresponding period of last year are given below:

A. Generation Capacity Addition (in MW):

(All Figures in MW)

Type	Achievement	Targets	Achievement	% Achievement of Target
	Dec-17	Dec-18		
Thermal	150	2120	800	NA
Hydro	0	300	0	NA
Nuclear	0	0	0	NA
All India	150	2420	800	533.333

B. Transmission Lines (in CKM):

(All Figures in cKM)

Voltage Level	December-17	December-18	April 2017- Dec 2017	April 2018- Dec 2018
+/- 500 KV HVDC	0	0	0	0
+/- 800 KV HVDC	0	0	0	0
765 KV	992	1359	3038	4413
400 KV	793	93	10019	5601
220 KV	631	288	3179	4960
All India	2416	1740	16236	14974

2. Power Distribution

2.1 Integrated Power Development Scheme (IPDS):

The integrated Power Development Scheme (IPDS) was approved on 20th November 2014. IPDS envisages strengthening of sub-transmission and distribution network including metering at all levels in urban areas. The earlier scheme of Restructured Accelerated Power Development and Reforms Programme (R-APDRP) is subsumed in the new scheme of IPDS.

Major components of the scheme are:

- a) Strengthening of sub-transmission and distribution network
- b) Metering
- c) IT application-ERP and Customer Care Services
- d) Provisioning of Solar Panels
- e) Ongoing works of R-APDRP to be completed

All Discoms including private Discoms and State Power Departments are eligible for financial assistance under this Scheme. Power Finance Corporation (PFC) is the Nodal Agency for operationalization of this Scheme. So far, new distribution strengthening projects worth Rs. 29,212.95 crore for 546 circles covering 3630 towns, projects worth Rs. 985.23 crore for IT enablement of 1931 towns, ERP projects worth Rs 746.96 crores, smart metering projects worth Rs. 834.41crores and RT-DAS projects worth Rs.165.64 crores have been sanctioned.

Re-structured APDRP was launched on 31.07.2008 as a Central Sector Scheme with a programme size of Rs.51,577 crore.

Projects under the scheme are to be taken up in two parts. Part-A is the projects for establishment of baseline data and IT applications for energy accounting/ auditing & IT based consumer service centres and Part-B is regular distribution strengthening projects.

Part-A projects worth Rs.5156.30 crore covering all the eligible towns (1405) in the country have already been sanctioned. So far, 59 Supervisory Control and Data Acquisition (SCADA) projects worth Rs.1251.13 crore have also been sanctioned for Eighteen States/UTs (Andhra Pradesh, Assam, Bihar, Chhattisgarh, Gujarat, Jharkhand, Jammu & Kashmir, Kerala, Madhya Pradesh, Maharashtra, Odisha, Puducherry, Punjab, Rajasthan, Tamil Nadu, Telangana, Uttarakhand, West Bengal) under Part-A. So far, 1227 projects worth Rs.28835.20crore have been approved in twenty-six States/UTs (Andhra Pradesh, Assam, Bihar, Chhattisgarh, Gujarat, Himachal Pradesh, Jharkhand, Jammu & Kashmir, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Mizoram, Odisha, Puducherry, Punjab, Rajasthan, Sikkim, Tripura, Tamil Nadu, Telangana, Uttar Pradesh, Uttarakhand, West Bengal) under Part-B.

2.2 DeendayalUpadhaya Gram JyotiYojana (DDUGJY):

Government of India launched a new scheme namely "DeendayalUpadhyaya Gram JyotiYojana" (DDUGJY) with the following components :

- (a) To separate agriculture and non-agriculture feeders to facilitate Discoms in the judicious rostering of supply to agricultural & non- agricultural consumers
- (b) Strengthening and Augmentation of Sub Transmission & Distribution infrastructure in rural areas and metering at Distribution Transformers, Feeders and consumers end in rural areas.

(c) Erstwhile Rural Electrification scheme of Govt. of India has been subsumed in DDUGJY as a separate rural electrification (RE) component.

Scheme Outlay:

DDUGJY (a) & (b) - Outlay: Rs. 43033 crore, Subsidy: Rs. 33453 crore
RE Component (c) - Outlay: Rs.32860 Crore, Subsidy: Rs. 29574 crore
Total Outlay - Outlay: Rs.75893 Crore, Subsidy: Rs. 63027 crore

Status of Implementation of DDUGJY new Projects (As on 31.12.2018)

636 Projects in 32 States/UTs amounting to Rs.42676 crores have been sanctioned.

- ✓ (Awarded-549 Projects, Departmental – 84 Projects, Bids opened and under evaluation – 1Project, , NIT yet to be issued- 2 projects)

Cumulative achievement (As on 30.11.2018)

- ✓ Cumulatively (as on 31.12.2018), intensive electrification in 609468 villages has been completed and free electricity connections to 326.12 Lakh BPL households have been released.

3. GENERATION PERFORMANCE:

The overall generation during the month of December, 2018 was 100541.00Million Units (MUs) as compared to 97019.00 MU generation achieved during the corresponding month of the last year.

A growth of 11.408 % in Hydro generation, 4.346 % in Thermal generation, have been achieved in the month of December, 2018 as compared to the corresponding month of the last year. However a negative growth of 25.410 % in Nuclear generation and 0.539 % in Power import from Bhutan have been occurred in the same period.

During the month, overall growth of 3.62% was registered in generation as compared to the generation performance of December, 2017 as mentioned in the table below:-

(All Figures in BU)

Type	ACHIEVEMENT	TARGETS	ACHIEVEMENT	% Change Achievement w.r.t Dec-2017
	December-17	December-18	December-18	
Thermal	86.075	92.956	89.816	4.346
Nuclear	3.959	3.363	2.953	-25.410
Hydro	6.898	7.165	7.685	11.408
Bhutan Import	0.087	0.392	0.087	-0.539
All India	97.019	103.876	100.541	3.629

* Figures of December, 2018 are provisional based on actual-cum-assessment

3.1 GENERATION PERFORMANCE OF MAJOR POWER UTILITIES:

The generation performance of power utilities in Central Sector, State Sector and in Private Sector in respect of thermal, nuclear and hydro generation as well as PLF achieved against the programme and comparison with the corresponding period of previous year are given at Annexure-I.

3.2 COAL SUPPLY POSITION:

The coal supply position, as well as consumption of coal during December, 2018 as compared to the corresponding month of 2017 are given below:

(Figures in Thousand Tonnes)

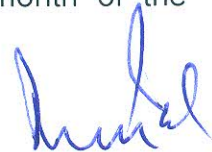
YEAR	Opening stock (Days)	Required	Receipt	Consumption	Closing Stock (Days)	No. of critical Stations (stock < 7 days)
Dec-18	12937.3 (8 Days)	49320.4	48405.8	44864.80	16607.78 (10 Days)	35
Dec-17	10324.87 (7 Days)	43661.89	43888.14	41228.39	13204.58 (9 Days)	58

Figures given above include imported coal.

* Provisional based on actual-cum-assessment.

3.3 REGION WISE POWER SUPPLY SITUATION:

For the month of December, 2018, the region wise energy supply and peak demand positions in comparison to the requirement for supply side and peak demand met have been shown at **Annexure-II** along with the data for the corresponding month of the previous year.



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Economic Adviser

Category / Sectors	Monitored Capacity (MW)	Target Apr 2018 to Mar 2019	GENERATION (GWH)										PLANT LOAD FACTOR (%)						
			DEC-2018					APRIL 2018 - DEC-2018					DEC-2018					APRIL 2018 - DEC-2018	
			PRO GRAM	ACT UAL	ACTUAL SAME MONTH 2017 - 18	% OF PRO-GRAM	% OF LAST YEAR	PRO GRAM	ACT UAL	ACTUAL SAME PERIOD 2017 - 18	% OF PROGRAM (9/8)	% OF LAST YEAR	PROGRAM	ACT UAL	ACTUAL SAME MONTH 2017 - 18	PROGRAM	ACT UAL	ACTUAL SAME PERIOD 2017 - 18	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
THERMAL																			
CENTRAL SECTOR																			
APC	1500.00	7500.00	672.00	774.14	765.00	115.20	101.19	5601.00	5646.17	5742.57	100.81	98.32	60.22	69.37	68.55	56.58	57.03	58.01	
BRB	500.00	3150.00	327.00	322.34	126.89	98.57	254.03	2200.00	1702.82	643.32	77.40	264.69	58.60	86.65	34.11	57.11	51.60	24.85	
DVC	7090.00	35589.00	3106.00	2715.43	3219.72	87.43	84.34	26729.00	26491.18	25572.42	99.11	103.59	54.64	51.48	61.04	53.01	56.61	51.77	
K.B.U	610.00	2600.00	194.00	312.04	169.09	160.85	184.54	1933.00	2126.51	1202.24	110.01	176.88	42.75	68.76	37.26	48.01	52.82	32.72	
N.L																			
MUN	660.00	1000.00	170.00	0.00	0.00	0.00	0.00	505.00	0.00	0.00	0.00	0.00	34.62			34.65			
NEE	527.00	2680.00	226.00	294.47	232.12	130.30	126.86	2018.00	2200.38	2226.35	109.04	98.83							
PCO																			
NLC	3240.00	20692.00	1897.00	1924.83	1557.39	101.47	123.59	14723.00	14659.37	15126.62	99.57	96.91	68.17	79.85	64.61	67.67	68.55	70.74	
NPG	0.00	1000.00	172.00	0.00	0.00	0.00	0.00	403.00	0.00	0.00	0.00	0.00	35.03			27.65			
CPL																			
NSP	500.00	3746.00	330.00	183.97	337.28	55.75	54.55	2788.00	2620.65	2849.52	94.00	91.97	88.71	49.45	90.67	84.48	79.41	86.35	
NTE	1500.00	9200.00	836.00	663.74	568.86	79.39	116.68	6770.00	5544.24	5399.77	81.89	102.68	74.91	59.47	50.97	68.38	56.00	54.54	
NTP	43667.23	249560.00	20889.00	22801.54	22267.27	109.16	102.40	185312.00	201252.19	193449.74	108.60	104.03	67.02	77.74	77.64	68.04	76.92	77.15	
C																			
NTP	1000.00	6570.00	584.00	546.73	526.96	93.62	103.75	4874.00	4462.65	3900.93	91.56	114.40	78.49	73.49	70.83	73.85	67.62	59.11	
ONG	726.60	4000.00	340.00	429.51	350.06	126.33	122.70	3012.00	3445.11	2982.86	114.38	115.50							
PVU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00		0.00	
RGP	1967.08	4320.00	378.00	376.21	388.40	99.53	96.86	3257.00	3408.46	3381.89	104.65	100.79							
TOTAL CENTRAL	63487.91	351607.0	30121.00	31344.95	30509.04	104.06	102.74	260125.00	273559.73	262478.23	105.16	104.22	64.33	73.27	72.77	64.83	71.96	70.38	
L SEC.																			
TOTAL STATE SEC.	71709.14	351320.0	30814.00	28406.44	26392.93	92.19	107.63	259820.00	261931.89	231970.29	96.96	108.61	57.92	57.96	53.78	57.02	57.67	52.79	
TOTAL IPP SEC.	83698.80	369997.0	30735.00	28745.75	27850.76	93.53	103.21	276919.00	265059.89	268611.62	95.72	102.49	54.69	53.38	52.61	56.11	55.62	55.59	
TOTAL PVT.	3477.00	18576.00	1286.00	1319.55	1322.64	102.61	99.77	14083.00	14741.50	14299.29	104.68	103.09	49.04	48.51	48.99	61.58	63.02	61.08	
UTL.																			
SFC.																			
TOTAL THERMAL	222372.8	1091500.0	92956.00	89816.69	86075.37	96.62	104.35	810947.00	805293.01	767359.43	99.30	104.94	58.49	60.48	58.72	59.02	61.12	58.96	
NUCLEAR																			
CENTRAL SECTOR																			
DAE	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NPCI	6680.00	38500.00	3363.00	2953.37	3959.36	87.82	74.59	27633.00	28338.69	27752.96	102.55	102.11	69.97	59.42	79.67	64.81	64.28	62.95	
TOTAL CENTRAL	6780.00	38500.00	3363.00	2953.37	3959.36	87.82	74.59	27633.00	28338.69	27752.96	102.55	102.11	69.97	58.55	78.49	64.81	63.33	62.02	
L SEC.																			
TOTAL NUCLEAR	6780.00	38500.00	3363.00	2953.37	3959.36	87.82	74.59	27633.00	28338.69	27752.96	102.55	102.11	69.97	58.55	78.49	64.81	63.33	62.02	
HYDRO																			
CENTRAL SECTOR																			
BBM	2920.30	9425.00	606.00	761.23	818.00	125.62	93.06	7677.00	7831.55	8697.02	102.01	90.05							
DVC	143.20	205.00	4.00	4.32	6.53	108.00	66.16	184.00	169.23	218.90	91.97	77.31							
NEE	925.00	4603.00	212.00	131.97	210.92	62.25	62.57	4054.00	2890.65	2898.66	71.30	99.72							
PCO																			
NHD	1520.00	2446.00	300.00	246.73	43.17	82.24	571.53	1891.00	1412.56	1172.05	83.53	120.52							
NHP	5451.20	24055.00	889.00	894.75	798.66	100.65	112.03	20704.00	20366.84	20380.28	98.37	99.93							
NTP	800.00	3000.00	76.00	93.29	90.63	122.75	102.94	2806.00	2737.21	3089.16	97.55	88.61							
C																			
SJVN	1912.02	8490.00	309.00	304.31	308.56	98.48	98.62	7705.00	7573.99	8492.30	98.30	89.19							
THD	1400.00	3952.00	391.00	336.80	336.19	86.14	100.18	3009.00	3340.67	3339.89	111.02	100.02							
TOTAL CENTRAL	15071.72	56176.00	2787.00	2773.40	2612.66	99.51	106.15	47830.00	46322.70	48288.26	96.85	95.93							
L SEC.																			
TOTAL STATE SEC.	27021.70	61106.00	3946.00	4422.67	3780.87	112.08	116.97	48627.00	53014.13	45656.88	109.02	116.11							
TOTAL IPP SEC.	2947.00	11418.00	332.00	383.14	374.70	115.40	102.25	10541.00	11086.50	11729.36	105.18	94.52							
TOTAL PVT.	447.00	1300.00	100.00	105.77	130.22	105.77	81.22	968.00	1201.34	1155.11	124.11	104.00							
UTL.																			
SFC.																			
TOTAL HYDRO	45487.42	130000.0	7165.00	7684.98	6898.45	107.26	111.40	107966.00	111624.67	106829.61	103.39	104.49							
BHUTAN IMP																			
	0.00	5000.00	392.00	86.66	87.13	22.11	99.46	4330.00	4376.63	4696.00	101.08	93.20							
TOTAL	274640.2	1265000.0	103876.00	100541.70	97020.31	96.79	103.63	950876.00	949633.00	906638.00	99.87	104.74							
ALL INDIA																			

* PROVISIONAL BASED ON ACTUAL-CUM-ASSESSMENT

G. Power Supply Position (Energy & Peak) in Dec-2018

Region	Energy (MU)				Surplus (+) /Deficit (-) in %	
	Requirement		Availability			
	Dec-2017	Dec-2018	Dec-2017	Dec-2018	Dec-2017	Dec-2018
Northern	27,581	29,452	27,123	29,031	-1.7	-1.4
Western	31,573	32,498	31,558	32,493	0.0	0.0
Southern	26,813	27,692	26,785	27,656	-0.1	-0.1
Eastern	9,692	10,758	9,639	10,742	-0.5	-0.2
North Eastern	1,284	1,322	1,259	1,298	-1.9	-1.8
All India	96,943	101,722	96,364	101,219	-0.6	-0.5
Region	Power (MW)				Surplus(+) / Deficit (-) in %	
	Peak Demand		Peak Met			
	Dec-2017	Dec-2018	Dec-2017	Dec-2018	Dec-2017	Dec-2018
Northern	46038	48631	45360	47645	-1.5	-2.0
Western	49806	53402	49635	53185	-0.3	-0.4
Southern	42622	45288	42458	45288	-0.4	0.0
Eastern	18058	19335	17733	19247	-1.8	-0.5
North Eastern	2333	2541	2314	2511	-0.8	-1.2
All India	152827	163888	151567	162609	-0.8	-0.8

* Dec-2018 Figures are Provisional