

**SUMMARY REPORT FOR COUNCIL OF MINISTERS ON
IMPORTANT DEVELOPMENTS IN POWER SECTOR
DURING THE MONTH OF JANUARY, 2019**

1. CAPACITY ADDITION (Generation and Transmission)

In the transmission sector 219 ckm of 765 kv AC lines, 945 ckm of 400 kv AC lines and 183 ckm of 220 kv AC lines have been laid during the month of January, 2019.

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

Transmission Lines (in CKM):

(All Figures in cKM)

Voltage Level	January-18	January-19	April 2017- Jan 2018	April 2018- Jan 2019
+/- 500 KV HVDC	0	0	0	0
+/- 800 KV HVDC	0	0	0	0
765 KV	0	219	3038	4632
400 KV	535	945	10554	6546
220 KV	276	183	3455	5143
All India	811	1347	17047	16321

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 EighteenStates/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 31.01.2019)

636 Projects in 32 States/UTs amounting to Rs. 42677 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 31.01.2019)

- ✓ Cumulatively (as on 31.01.2019), intensive electrification in 634831 villages has been completed and free electricity connections to 335.12 Lakh BPL households have been released.

3. GENERATION PERFORMANCE:

The overall generation during the month of January, 2019 was 100360.00 Million Units (MUs) as compared to 101860.00 MU generation achieved during the corresponding month of the last year.

A growth of 7.094 % in Hydro generation has been achieved in the month of January, 2019 as compared to the corresponding month of the last year. However a negative growth of 25.654% in Nuclear generation, 0.994% in Thermal generation and 34.568% in Power import from Bhutan have been occurred in the same period.

During the month, overall negative growth of 1.48% was registered in generation as compared to the generation performance of January, 2018 as mentioned in the table below:-

(All Figures in BU)

Type	ACHIEVEMENT	TARGETS	ACHIEVEMENT	% Change Achievement w.r.t Jan-2018
	January-18	January-19	January-19	
Thermal	91.119	96.549	90.213	-0.994
Nuclear	4.050	3.377	3.011	-25.654
Hydro	6.611	6.997	7.080	7.094
Bhutan Import	0.081	0.317	0.053	-34.568
All India	101.86	107.24	100.36	-1.48

* Figures of January, 2019 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 January, 2019 as compared to the corresponding month of 2018 is given below:

(Figures in Thousand Tonnes)						
YEAR	Opening stock (Days)	Required	Receipt	Consumption	Closing Stock (Days)	No. of critical Stations (stock < 7days)
Jan-19	16934.35 (10 Days)	50162.5	48429.2	44621.80	20208.74 (12 Days)	39
Jan-18	13204.58 (9 Days)	53486.66	45017.18	43763.57	14465.77 (9 Days)	56

Figures given above include imported coal.

* Provisional based on actual-cum-assessment.

3.3 REGION WISE POWER SUPPLY SITUATION:

For the month of January, 2019, 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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Annex-I

H. ENERGYWISE PERFORMANCE STATUS ALL INDIA.

H. ENERGYWISE PERFORMANCE STATUS AND INDICATORS																		PLANT LOAD FACTOR (%)							
GENERATION (GWH)																		JAN-2019				APRIL 2018 - JAN-2019			
Categor y / Sectors	Target Monitored Capacity Mar (MW) 2019	PROG RAM	ACTU AL	L MONT H 2017 - 18	% OF PRO- GRA M (4/3)	% OF LAST YEAR (4/5)	PRO GRA M	ACTU AL	L PERIO D 2017 - 18	% OF PROG RAM (9/8)	% OF LAST YEAR (9/10)	PROG ACTU AL	L MONT H 2017 - 18	PROG ACTU AL	L MONT H 2017 - 18	PROG ACTU AL	L PERIO D 2017 - 18								
																		JAN-2019	APRIL 2018 - JAN-2019	JAN-2019	APRIL 2018 - JAN-2019				
THERMAL																		THERMAL							
CENTRAL SECTOR																		CENTRAL SECTOR							
APCP	1500.00	7500.00	620.00	736.31	517.94	118.76	128.96	6221.00	6382.44	6313.51	102.60	101.09	55.56	65.98	51.16	56.47	57.94	57.33							
BRCL	500.00	3150.00	327.00	351.89	117.86	107.61	298.57	2527.00	2056.56	761.18	81.38	270.15	58.60	94.59	31.88	57.30	56.00	25.77							
DVC	7090.00	35590.00	3106.00	3363.12	3247.03	108.28	103.58	28650.00	28633.14	28918.45	100.06	103.59	54.64	63.76	61.56	53.17	57.33	52.75							
K.B.U.N.L	610.00	2600.00	230.00	316.30	160.18	137.52	197.47	2163.00	2442.53	1362.42	112.92	179.28	50.68	69.69	35.29	48.28	54.82	33.07							
MUNPL	600.00	1000.00	170.00	12.51	0.00	7.36	0.00	675.00	12.51	0.00	1.85	0.00	34.62			34.65									
NEEPCO	527.00	2680.00	224.00	224.22	262.74	116.04	99.81	32244.00	2463.47	2480.29	109.77	98.96													
NEELCO	3240.00	20392.00	204.00	1866.05	1983.66	91.29	96.54	16767.00	16528.49	17282.98	98.58	97.11	73.46	77.41	78.56	68.33	69.46	71.55							
NLC	0.00	1000.00	205.00	0.00	0.00	0.00	0.00	608.00	0.00	0.00	0.00	0.00	41.75			31.21									
NPGPL	500.00	3746.00	330.00	181.82	341.01	55.10	53.32	3181.00	2802.48	3190.53	89.68	87.84	88.71	48.88	91.67	84.91	76.32	86.87							
NSPCL	1500.00	9200.00	837.00	559.62	538.30	66.86	103.96	7607.00	6117.13	5938.07	80.41	103.02	75.00	50.15	48.23	69.05	55.53	53.91							
NITCL	44377.22	256560.00	22210.00	23202.00	22998.93	104.55	100.96	207774.00	226414.50	21625.31	108.06	103.71	66.82	78.48	78.42	67.55	76.71	76.94							
NTPC Ltd.	1000.00	6570.00	584.00	426.28	527.37	72.99	80.83	5545.00	4485.43	4428.30	89.69	110.55	78.49	57.30	70.88	74.32	66.66	60.34							
ONGC	726.60	4000.00	341.00	425.98	371.66	124.92	112.79	3355.00	3971.30	3360.52	115.46	115.20				0.00									
PVUNL	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									
RGPLL	1967.08	4320.00	358.00	3383.72	382.85	107.18	100.23	3615.00	3792.16	3764.74	104.90	100.73	64.67	74.71	73.71	64.58	72.00	70.44							
TOTAL	64197.91	335920.00	31588.00	32705.95	34119.53	99.64	102.18	291865.00	295731.64	29833.50	96.29	100.73	58.26	56.65	60.07	57.33	57.75	53.61							
TOTAL PP	83498.80	366999.00	32070.00	28504.42	29175.81	89.06	97.71	306939.00	293591.74	287767.43	95.04	102.02	57.00	53.59	55.43	56.20	55.41	55.55							
TOTAL	34777.00	168760.00	1458.00	1316.88	1303.54	90.32	101.02	15841.00	16058.25	15602.63	103.33	102.92	56.10	48.17	48.27	61.03	61.52	59.75							
TOTAL	22297.26	109150.00	96549.00	90213.58	91119.42	93.44	99.01	97486.00	98947.08	85878.85	98.69	104.33	59.71	60.54	62.15	59.09	61.06	59.12							
NUCLEAR																		NUCLEAR							
CENTRAL SECTOR																		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							
NPCIL	6680.00	38500.00	3377.00	3011.93	4050.81	89.19	74.35	31010.00	31469.47	31803.77	101.48	98.95	70.26	60.60	81.51	65.36	64.15	64.88							
TOTAL	6780.00	38500.00	3377.00	3011.93	4050.81	89.19	74.35	31010.00	31469.47	31803.77	101.48	98.95	70.26	59.71	80.30	65.36	63.20	63.88							
TOTAL	6780.00	38500.00	3377.00	3011.93	4050.81	89.19	74.35	31010.00	31469.47	31803.77	101.48	98.95	70.26	59.71	80.30	65.36	63.20	63.88							
HYDRO																		HYDRO							
CENTRAL SECTOR																		CENTRAL SECTOR							
BMBM	2920.00	3425.00	565.00	796.13	759.08	136.43	105.14	8262.00	8629.14	9456.10	104.44	91.25													
DVC	143.20	205.00	6.00	4.66	8.35	77.67	55.81	190.00	173.79	227.25	91.47	76.48													
NEEPCO	900.00	4603.00	178.00	128.55	109.97	72.82	116.90	4232.00	3018.87	3008.63	71.33	100.34													
NHDC	1520.00	2446.00	285.00	161.95	125.99	86.82	300.24	1976.00	1571.96	1265.98	79.55	128.22													
NHPC	5451.20	24055.00	833.00	662.73	651.22	78.56	101.77	21507.00	21030.06	21031.50	97.65	95.99													
NTPC Ltd.	800.00	3000.00	65.00	81.36	78.62	125.17	103.49	2871.00	2818.53	3167.78	98.17	88.97													
SNVNL	1912.00	8480.00	274.00	155.49	258.00	56.75	60.27	7919.00	7731.59	8750.30	96.90	88.36													
THDC	1400.00	3982.00	345.00	385.95	372.05	111.87	103.74	3354.00	3726.59	3711.94	111.11	100.39													
TOTAL	15064.72	56756.00	2571.00	2376.82	2291.23	92.53	103.82	50401.00	48700.53	50573.49	96.63	96.29													
TOTAL	26956.50	61066.00	4019.00	4259.85	3867.16	105.99	109.59	52646.00	57380.72	49554.04	108.99	115.82													
TOTAL	2947.00	11418.00	292.00	306.02	298.24	105.49	103.28	10833.00	11394.48	12027.60	105.09	94.65													
TOTAL	447.00	1300.00	115.00	133.84	135.15	116.38	99.03	1083.00	1334.25	1290.26	123.20	103.41													
TOTAL	45399.22	130000.00	6997.00	7080.53	6611.78	101.19	107.09	11663.00	11879.88	113447.38	103.34	104.72													
BHUTAN IMP																									
TOTAL	0.00	5000.00	317.00	53.09	81.99	16.75	64.75	46477.00	4375.21	4778.00	94.15	91.57													
TOTAL	27515.20	126600.00	107240.00	100338.11	101658.00	93.58	96.52	106818.00	102029.17	100850.62	99.26	104.14													
PROVISIONAL BASED ON ACTUAL-CUM-ASSESSMENT																		PROVISIONAL BASED ON ACTUAL-CUM-ASSESSMENT							

G. Power Supply Position (Energy & Peak) in Jan-2019

Region	Energy (MU)				Surplus (+) /Deficit (-) in %	
	Requirement		Availability		Jan-2018	Jan-2019
	Jan-2018	Jan-2019	Jan-2018	Jan-2019		
Northern	28,874	29,507	28,361	29,068	-1.8	-1.5
Western	31,569	32,070	31,566	32,063	0.0	0.0
Southern	28,028	27,577	28,000	27,565	-0.1	0.0
Eastern	10,769	11,179	10,704	11,166	-0.6	-0.1
North Eastern	1,332	1,318	1,311	1,299	-1.6	-1.4
All India	100,572	101,652	99,942	101,161	-0.6	-0.5
Region	Power (MW)				Surplus(+) / Deficit (-) in %	
	Peak Demand		Peak Met		Jan-2018	Jan-2019
	Jan-2018	Jan-2019	Jan-2018	Jan-2019		
Northern	47214	47925	46252	47356	-2.0	-1.2
Western	50477	53698	50085	53505	-0.8	-0.4
Southern	43306	44560	43115	44560	-0.4	0.0
Eastern	18526	19641	18256	19523	-1.5	-0.6
North Eastern	2339	2575	2317	2552	-0.9	-0.9
All India	158640	163224	156720	162349	-1.2	-0.5

* Jan-2019 Figures are Provisional