

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:1187

ANSWERED ON:27.11.2000

POWER GENERATION

HARIBHAU MAHALE;P.R. KHUTE;PRABHAT KUMAR SAMANTARAY;T. GOVINDAN;V.S. SIVAKUMAR

Will the Minister of POWER be pleased to state:

- (a) the target fixed for the generation of power in the country during Eighth Plan and the Ninth Plan period, State-wise;
- (b) the actual achievements made in the generation of power in those plan period, State-wise;
- (c) the total demands of power in each State;
- (d) whether there is a wide gap between target fixed and its achievement in this regard;
- (e) if so, the reasons therefor, State-wise;
- (f) the steps taken to improve the situation; and (g) the strategy proposed to be adopted by the Government in this regard during the current year?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a) to (e): The All India/State wise annual generation targets fixed for Eight Plan and Ninth Plan (first three years) periods along with actual achievements are given at Annexure-I and II, respectively. The State wise power supply position during October 2000 and April-October, 2000 is given at Annexure-III. There has been no wide gap between the all India generation targets and actual achievements.

(f) & (g): The following steps are being taken to improve generation:

- (i) Expedient implementation of capacity addition programme.
- (i) Renovation and Modernisation (R&M) and life extension of existing old generating units.
- (ii) Disbursement of loans by Power Finance Corporation for improving operation and maintenance of thermal power station under accelerated generation programme.
- (iii) Increasing the inter-state and inter-regional power transfer by construction of missing transmission links and system improvement.
- (iv) Coordinated operation of Hydro, thermal, nuclear and gas turbine power stations in the regional power system.
- (v) Ensuring adequate supply of coal to thermal power stations in the country.
- (vi) Scheme for payment of incentive to O&M personnel for better performance of thermal power stations.
- (vii) Early stabilization of newly commissioned units.

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF THE LOK SABHA UNSTARRED QUESTION 1187 TO BE ANSWERED ON 27.11.2000 REGARDING POWER GENERATION

ENERGY GENERATION DURING EIGHTH FIVE YEAR PLAN (MU)

State/ 1992-93 1993-94 1994-95 1995-96 1996-97 System

Target Actual %Achv. Target Actual % Achv Target Actual %Achv. Target Actual %Achv. Target Actual %Achv.

BBMB	11,010	12,471	113.3	10,760	10,657	99	9,505	12,232	128.7	10,020	12,004	119.8	11,600	12,058	103.9
DELHI	6,905	7,331	106.2	7,150	6,994	97.8	7,565	7,034	93	7,552	8,524	86.4	7,080	8,336	89.5
J&K	2,96	0,905	98.1	3,070	2,745	89.4	3,300	2,837	88	3,148	2,950	93.8	4,070	3,170	77.9
H.P.	1,875	1,899	101.3	2,261	1,566	69.3	3,475	4,257	122.5	3,792	4,341	114.5	4,150	3,612	87
HARYANA	3,790	3,800	100.3	3,940	3,133	79.5	3,970	3,425	88.3	3,900	3,300	84.6	3,610	3,873	101.7
RAJASTHAN	8,680	8,487	97.8	8,188	9,438	115.3	9,255	8,489	91.5	9,325	9,244	99.1	9,180	9,914	108
PUNJAB	10,390	9,974	96	11,090	11,419	103	12,800	11,505	89.9	11,925	11,381	95.4	12,010	12,787	106.5
UP	47,720	47,26	899	48,941	50,958	104.1	58,085	54,214	96.7	62,260	63,457	101.9	84,357	85,779	102.2
GUJARAT	24,100	24,54	8101.9	27,590	27,012	97.9	30,470	28,849	94.7	31,030	33,706	108.6	34,858	35,802	102.7
MAHA	42,280	40,42	595.7	43,395	43,125	99.4	47,590	47,871	100.6	52,145	52,121	100	54,150	54,559	100.8
MP	34,030	33,03	497.1	33,620	37,752	112.3	39,155	39,701	101.4	41,130	42,869	104.2	42,495	44,003	103.7
AP	30,335	31,03	6102.3	30,630	34,809	113.6	35,525	35,891	101	39,010	37,533	96.2	40,201	41,738	103.8
KAR.	12,935	12,75	398.6	13,670	14,154	103.5	13,870	16,352	117.9	15,455	14,915	96.5	14,800	12,339	83.4
KERALA	5,350	6,195	115.8	5,800	5,823	100.4	5,800	6,573	113.3	6,220	6,701	107.7	7,250	5,491	75.7
T.N.	25,785	27,228	105.7	28,420	28,385	99.4	31,595	33,210	105.1	31,910	35,626	111.6	35,359	37,607	106.4

PONDI. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
BIHAR 4,375 2,963 67.7 3,825 2,988 78.1 5,288 3,286 62.4 8,020 4,698 78 7,835 6,078 77.6
ORISSA 5,080 5,187 102.1 5,410 5,117 94.6 5,750 5,555 98.6 7,630 7,437 97.5 10,800 8,136 75.3
W.B. 15,295 15,262 99.8 18,590 17,344 93.3 19,887 19,597 98.5 22,240 20,678 93 23,505 20,994 89.3
D.V.C. 6,350 5,201 81.9 6,805 ,918 101.7 7,500 6,915 92.2 7,970 6,837 85.8 8,125 6,673 82.1
SIKKIM 45 30 86.7 65 34 52.3 50 55 110 50 49 98 70 64 91.4
ASSAM 1,660 1,070 64.5 1,623 908 55.9 1,655 1,255 75.8 1,668 1,434 86 1,585 1,362 85.9
NEEPCO 0 0 0 0 0 0 0 0 1,550 1,052 67.9 1,705 1,389 81.5
MEGH 1,215 1,290 108.2 1,240 1,490 120.2 1,293 1,241 96 475 539 113.5 450 480 106.7
TRIPURA 150 166 110.7 180 145 80.6 175 166 94.9 262 193 73.7 290 244 84.1
MANIPUR 410 545 132.9 425 817 145.2 450 515 114.4 450 480 106.7 450 497 110.4
ARUNA.PR. 15 0 0 12 0 0 12 20 166.7 15 15 100 15 17 113.3

ALL INDIA 302,700 301,088 99.5 316,700 323,531 102.2 352,000 351,025 99.7 377,150 380,084 100.8 400,000 394,800 98.7

Annexure-I I

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF THE LOK SABHA UNSTARRED QUESTION
NO. 1187 TO BE ANSWERED ON 27.11.2000 REGARDING POWER GENERATION

ENERGY GENERATION DURING NINTH FIVE YEAR PLAN (MU)

State/ System 1997-98 1998-99 1999-00 2000-01(Apr-Oct.,2000)
Target Actual % Achv. Target Actual % Achv Target Actual % Achv Target Actual % Achv

BBMB 11,000 10,695 97.2 10,650 14,106 132.5 10,760 12,067 112.1 7,283 7,450 102.3
DELHI 7,100 6,984 96.4 7,230 6,931 95.9 6,800 7,555 114.5 4,135 4,756 115
J&K 5,675 6,120 107.8 6,141 8,477 105.5 6,387 5,810 91 5,236 4,428 84.6
H.P. 3,960 3,956 99.9 3,804 4,570 120.1 4,015 3,748 93.3 3,362 3,368 100.2
HARYANA 3,825 3,782 98.9 3,825 3,754 98.1 3,997 5,100 127.6 3,638 3,195 87.8
RAJASTHAN 10,800 11,157 105.3 12,510 12,820 102.5 12,797 14,570 113.9 8,200 8,978 109.5
PUNJAB 14,530 12,993 89.4 15,780 14,393 91.2 18,483 17,057 103.5 10,444 10,798 103.4
UP 88,180 87,489 99 69,070 69,818 101.1 69,650 72,914 104.7 41,362 44,044 106.4
GUJARAT 40,060 39,711 99.1 50,220 44,845 89.3 46,953 48,386 98.7 27,439 26,896 98
MAHA 57,785 55,997 96.9 61,580 59,097 99.6 65,774 64,263 97.7 38,181 36,284 95
MP 44,545 44,598 100.1 44,675 46,709 104.6 47,875 48,291 100.9 28,279 29,080 102.8
AP 43,000 45,911 106.8 48,965 47,820 97.7 52,797 52,066 98.6 30,604 29,705 97.1
KAR. 16,440 17,093 104 17,205 17,087 99.2 21,298 20,931 98.3 13,134 12,192 92.8
KERALA 7,155 5,071 70.9 7,450 7,829 105.1 9,833 8,899 92.4 6,594 5,285 80.1
T.N. 37,045 38,090 102.8 40,280 37,908 94.1 39,450 40,562 102.8 23,818 24,576 103.2
PONDI. 0 0 0 0 0 200 132 66 124 141 113.7
BIHAR 7,930 7,093 89.4 6,790 8,212 120.9 7,490 7,906 105.8 3,913 4,781 122.2
ORISSA 11,500 11,991 104.3 11,365 12,772 112.4 13,858 16,443 118.7 9,186 9,706 105.7
W.B. 24,825 20,502 82.6 20,250 21,212 104.8 20,238 23,223 114.7 14,017 14,993 107
D.V.C. 8,570 7,299 85.2 7,085 7,706 108.8 7,730 8,140 105.3 4,861 4,495 92.5
SIKKIM 40 43 107.5 45 26 57.8 195 37 19 232 236 101.7
ASSAM 1,780 1,072 60.2 1,350 939 69.6 1,040 920 88.5 788 605 76.8
NEEPCO 2,230 1,527 68.5 2,415 1,921 79.5 2,464 2,214 89.9 1,914 1,498 78.3
MEGH 450 598 132.9 490 44 111 488 834 135.5 332 453 136.4
TRIPURA 515 302 58.6 390 344 88.2 380 12 82.1 224 185 82.6
MANIPUR 450 535 118.9 450 531 118 450 506 112.4 298 315 105.7
ARUNA.PR. 10 13 130 15 18 106.7 20 14 70 11 7 63.6
ALL INDIA 429,000 420,622 98 450,000 448,387 99.6 469,000 480,880 102.5 287,629 288,448 100.3

Annexure-I I I

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF THE LOK SABHA UNSTARRED QUESTION
NO. 1187 TO BE ANSWERED ON 27.11.2000 REGARDING POWER GENERATION

ACTUAL POWER SUPPLY POSITION (All figures in MU net)

Region/State/System October, 2000 April-October, 2000

Req Avai % Shor Req Avai % Shortage

Northern Region

Chandigarh 88 88 0.00 681 680 0.10
Delhi 1,560 1,527 2.80 11,645 11,201 3.80
Haryana 1,550 1,522 1.80 10,340 10,226 1.10
H.P. 260 256 1.50 1,802 1,781 1.20
J&K 500 469 6.20 3,480 3,107 10.70
Punjab 2,250 2,154 4.30 18,055 17,744 1.70
Rajasthan 2,080 2,045 1.70 13,955 13,600 2.50
U.P. 4,030 3,523 12.60 26,580 22,907 13.80
N.R. 12,318 11,574 6.00 86,538 81,246 6.10

Western Region

Gujarat 4,865 4,471 8.10 30,328 27,893 8.00
M.P. 3,600 3,151 12.50 21,261 19,482 8.40
Maharashtra 6,958 6,086 12.50 45,198 40,287 10.90
Goa 148 136 8.10 1,036 901 13.00
W.R. 15,571 13,844 11.10 97,823 88,563 9.50

Southern Region

A.P. 4,168 3,988 4.30 27,075 25,141 7.10
Karnataka 1,960 1,826 6.80 16,172 14,542 10.10
Kerala 1,119 1,063 5.00 7,733 7,186 7.10
Tamil Nadu 3,324 3,168 4.70 24,299 22,356 8.00
S.R. 10,571 10,045 5.00 75,279 69,225 8.00

Eastern Region

Bihar 793 745 6.10 5,202 4,914 5.50
D.V.C. 728 747 -2.60 4,994 5,109 -2.30
Orissa 1,056 1,086 -2.80 6,710 7,019 -4.60
West Bengal 1,600 1,628 -1.80 11,109 11,286 -1.60
E.R. 4,177 4,206 -0.70 28,015 28,327 -1.10

North-Eastern Region

Arunachal Pr. 10.5 11.1 -5.70 73.9 75.6 -2.30
Assam 261 327.3 -25.00 1,778.8 1,925.8 -8.30
Manipur 37.2 39.6 -6.50 257.1 257.1 0.00
Meghalaya 44.9 48.3 -7.60 299.8 334.7 -11.60
Mizoram 19.7 21 -6.60 134 138.9 -3.70
Nagaland 17.8 19.1 -7.30 123.1 127.8 -3.80
Tripura 50.8 54.5 -7.30 323.6 345.9 -6.90
N.E.R. 441.9 520.9 -18.00 2,990.3 3,205.8 -7.20

All India 43,079 40,190 6.70 290,647 270,567 6.90