GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:4976
ANSWERED ON:24.04.2003
SETTING UP OF POWER GRID STATIONS
RAMDAS ATHAWALE

Will the Minister of POWER be pleased to state:

(a) whether the Union Government propose to set up some new power grid stations in the country;

(b) if so, the locations where these are proposed to be set up;

(c) the amount likely to be spent on each of them;

(d) the time by which these are likely to be set up;

(e) the extent to which the power supply in Delhi is likely to improve after setting up of these stations;

(f) whether the Union Government have received any request from Delhi Government in this regard so far; and

(g) if so, the action taken by the Government thereon and the reasons for delay in setting up of these power grid stations?

Answer

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

(a) to (d) : POWERGRID has planned to implement various substations across the country as part of associated transmission systems of central sector generation projects and system strengthening schemes. A list of the substations envisaged for implementation by POWERGRID in the next five years, indicating their location, estimated cost and time by which these are likely to be set up, is at Annex.

(e) to (g) : On commissioning of 440/220 KV substations at Meerut, Bhiwadi and Bahadurgarh (which are in close vicinity to Delhi and are linked to Delhi system through 400 kV lines), it would be possible for Delhi to draw power from the various projects of Northern Region directly from these substations through displacement. The 400/220 KV substation at Maharani Bagh, planned to be implemented by POWERGRID as part of Tala Transmission System, would enable Delhi to draw the share of surplus power from Eastern Region and from Tala HEP.

No request has been received from Government of Delhi for setting up of any other substation by POWERGRID.

ANNEX

ANNEX REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO.4976 TO BE ANSWERED IN THE LOK SABHA ON 24.04.2003.

1. Powergrid sub-stations to be established in Northern Region

Sl. No.	Name of Sub-station	Voltage Level (kV)	Capacity of S/S (MVA)	Time Frame #	Estimated Cost (Rs. Crores)
1.	Mainpuri	400/220	2x315	2004-05	57.79
2.	Patiala	400/220	2x315	2004-05	51.06
3.	Kaithal	400/220	2x315	2004-05	47.35
4.	New Lucknow	400/220	2x315	2004-05	47.27
5.	Maharani Bagh	400/220	2x315	2004-05	77.15
6.	Amritsar	400/220	2x315	2004-05	22.84
7.	Bahadurgarh	400/220	2x315	2004-05	26.21
8.	Gorakhpur	400/220	2x315	2004-05	50.44
9.	Ludhiana	400/220	2x315	2007-08	50.00
10.	Bhiwadi	400/220	2x315	2003-04	82.11
11.	Meerut	400/220	2x315	2003-04	66.94

2. Powergrid sub-stations to be established in Western Region

Sl.	Name of Sub-	Voltage	Capacity	Time	Estimated

No.	station	Level (kV)	of S/S (MVA)	Frame #	Cost (Rs. Crores)
1.	Ponda (Mapusa)	400/220	630	2002-03*	47.0
2	Boisar	400/220	630	2004-05	42.0
3.	Vapi	400/220	630	2004-05	42.0
4.	Khandwa	400/220	630	2004-05	50.0
5.	Seoni	765/400 400/220	2000 630	2005-06	198.0
6.	Rajgarh	400/220	630	2007-08	49.0
7.	Malanpur	400/220	630	2006-07	60.0
8.	Bhatapara	400/220	630	2006-07	45.0
9.	Raigarh	400/220	630	2006-07	58.0
10.	Bina	400/220	630	2006-07	66.0

3. Powergrid sub-stations to be established in Southern Region

Sl. No.	Name of Sub-station	Voltage Level (kV)	Capacity of S/S (MVA)	Time Frame #	Estimated Cost (Rs. Crores)
1.	Kolar	400/220	500	02-03*	55.0
2.	Hosur	400/220	630	02-03*	45.0
3.	Thiruvantha puram	400/220	630	03-04	45.0
4.	Narendra	400/220	630	04-05	61.0
5.	Mysore	400/220	630	05-06	60.0
6.	Kozhikode	400/220	630	05-06	60.0
7.	Melakottaiy ur	400/220	630	05-06	60.0
8.	Pugalur	400/220	630	05-06	60.0
9.	Arasur	400/220	630	06-07	60.0
10.	Pondicherry	400/220	630	06-07	60.0

4. Powergrid sub-stations to be established in Eastern Region

Sl. No.	Name of Sub-station	Voltage Level (kV)	Capacity of S/S (MVA)	Time Frame #	Estimated Cost (Rs. Crores)
1.	Siliguri	400/220	630	2003-04@	47.0
2.	Purnea	400/220	630	2004-05	46.0
3.	Baripada	400/220/132	315	2004-05	39.0
4.	Muzaffarpur	400/220	630	2004-05	56.53
5.	Subhasgram	400/220	630	2005-06	46.76
6.	Malda Ext.	400/220	315	2003-04@	9.45
7.	Farakka Ext.	400 LB	--	2003-04@	9.83
8.	Jeypore Ext.	400/220	315	2003-04@	8.76
9.	Biharsarrif Ext.	400/220	315	2004-05	13.0
10.	Sasaram	400/220	630	2004-05	47.0

5. Powergrid sub-stations to be established in North-eastern Region

Sl. No.	Name of Sub-station	Voltage Level (kV)	Capacity of S/S (MVA)	Time Frame #	Estimated Cost (Rs. Crores)
1.	Badarpur/ Silchar	220/132	250	2006-07	25.0
2.	Kopili	220/132	100	2006-07	18.0
3.	Aizawl	220/132	100	2007-08	18.0

@ Completed/Commissioned

Likely time frame for implementation. Actual commissioning will depend upon a number of factors including load growth, commissioning of generation projects, transmission lines etc.