

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:4738
ANSWERED ON:07.08.2009
LIGNITE BASED POWER PROJECTS
Joshi Shri Mahesh

Will the Minister of POWER be pleased to state:

- (a) the details of lignite based power projects set up and their capacity during the last three years and the current year, State-wise;
- (b) whether there is huge potential for power generation from lignite in the country including Rajasthan;
- (c) if so, the details thereof, State-wise; and
- (d) the steps taken or proposed to be taken by the Government to exploit the full potential?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI BHARATSINH SOLANKI)

(a) : Only one lignite based project i.e. Giral TPP St.I U-/RRVUNL (125 MW) in Rajasthan, synchronized on 28.2.2007, was set up during the last three years and up to July, 2009 in the current year.

(b) & (c) : As per the report of the Working Group on `Coal and Lignite for the 11th Five Year Plan of Ministry of Coal', the total geological reserves of lignite in the country are about 38274 Million tonnes as on 1.4.2006, including about 4235 Million tonnes in the state of Rajasthan. The state-wise lignite reserves as on 1.4.2006 are given in the table below. (In Million Tonnes)

State	Proved	Indicated	Inferred	Total
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Tamil Nadu	2831.00	16953.54	11137.98	30922.52
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Rajasthan	560.91	2620.60	1053.64	4235.35
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Gujarat	785.27	259.40	1618.08	2662.75
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Pondicherry	0	405.61	11.00	416.61
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Kerala	0	0	9.65	9.65
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Jammu & Kashmir	0	20.25	7.30	27.55
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Total	4177.18	20259.40	13837.85	38274.43
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(d) : Government of India has been encouraging setting up of lignite based power projects to exploit the potential. Details of lignite based power projects under construction during 11th Five Year Plan and programmed to be set up in the 12th Five Year Plan are as given in the table below:

Sl. No. Name of Project/ STATE Capacity Date of
No. Orgn./Sector (MW) Commissioning

11th Plan

1 Neyveli TPS II TamilNadu 2x250 U-1-05/10
Expn U-1&2, NLC U-2-07/10

2 Barsingsar Lignite Rajasthan 2x125 U-1:10/09
TPP U-1&2 /NLC/Central U-2:01/10

3 Giral TPP St-II U-2/ Rajasthan 125 08/09
RRVUNL/State

4 Jalippa Kapurdi TPP Rajasthan 8x135 U-1:08/09
U-1 to 8 /Raj, U-2:09/09
West Power Ltd./Private U-3:11/09
U-4:12/09
U-5:02/10
U-6-04/10
U-7-05/10
U-8-08/10

5 Kutch Lignite TPP Gujarat 75 08/09
Extn.U-1 /GSECL/State

6 Surat Lignite TPP Gujarat 2x125 U-3:12/09
Exp. Ph-II U-3&4 /
GIPCL/State U-4:03/10

12th Plan

S.No Plant Name State Agency Ultimate Capacity (MW)

1. Neyveli New TPS Tamil Nadu NLC 1000

2. Barsingsar Extn. Rajasthan NLC 250

3. Bithnok TPP Rajasthan NLC 250

4. Neyveli TPS-III Expn. Tamil Nadu NLC 1000

2500