

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:4565

ANSWERED ON:23.12.2005

USE OF FLY ASH

Khan Shri Mohammad Tahir;Kushwaha Shri Narendra Kumar;Munshiram Shri ;Patle Shri Shishupal Natthu;Shiwankar Shri Maha Deo Rao

Will the Minister of POWER be pleased to state:

- (a) whether the Public Sector Undertaking NTPC has formulated any action plan to supply the ashes emanating from its coal based Thermal Power Plants to the rural farmers as reported in the Dainik Jagaran dated November 26, 2005;
- (b) if so, whether the said company has conducted tests in respect of the usefulness of such ash;
- (c) the total quantum of ash in terms of tones used during the year 2004-05 and the amount earned there from;
- (d) the total quantum of ash produced by coal based Thermal Power Plants each year;
- (e) whether the Government has made any assessment in regard to the usefulness of such ash in farming for rural areas; and
- (f) if so, the details thereof?

Answer

THE MINISTER OF INFORMATION & BROADCASTING AND MINISTER OF PARLIAMENTARY AFFAIRS(SHRI PRIYA RANJAN DASMUNSI)

(a) : Yes, Sir. NTPC has plans to promote use of ash in agriculture through Kisan Melas in the vicinity of its thermal power stations in association with nearby located Agricultural/Research Institutes. Guidelines for promotion through Kisan Melas have been prepared.

NTPC at present supply ash to industries for manufacture of cement, construction of road embankment and low lying area development, raising of ash pond dykes, filling of open cast mine, manufacture of bricks etc.

(b) : For use of ash in agriculture, demonstration studies have been carried out at NTPC's Rihand Power Plant in association with Regional Research Laboratory, Bhopal. At NTPC's Farakka and Ramagundam Power Plants, similar studies have been done in association with Central Fuel Research Institute, Dhanbad.

(c) : About 127.38 lakh tones of ash has been utilized by NTPC during the year 2004-05. In line with the provisions of Ministry of Environment and Forests (MOE&F) Gazette Notification dated 14.09.1999 and its amendment dated 27.08.2003 on ash utilization, ash has been issued by NTPC `Free of Cost` and no amount has therefore been earned from it.

(d) : Year-wise quantum of ash generated by thermal power stations (including Captive and Co-generation-about 120 units reporting) is given below:

Year Generation (In Million Tonnes)

1999-2000 89.8

2000-01 95.6

2001-02 98.8

2002-03 103.3

2003-04 106.6

(e) & (f) : Yes, Sir. Based on the review carried out by MOE&F, Indian Council of Agricultural Research has reviewed a large number of studies/field level projects done by Fly Ash Mission and various other agencies. The results of the study indicate that applications of fly ash increases the yield and quality.