

(a) The number of petrol/diesel pumps proposed to be opened in Maharashtra this year;

(b) whether any reservation has been provided for Scheduled Castes/Scheduled Tribes, physically handicapped persons, freedom fighters etc. in their allotment; and

(c) if so, the number of petrol/diesel pumps allotted to the persons belonging to the said categories during 1989-90, separately?

THE MINISTER OF PETROLEUM AND CHEMICALS AND MINISTER OF PARLIAMENTARY AFFAIRS (SHRI SATYA PRAKASH MALVIYA): (a) 82 new Petrol/Diesel Retail Outlet dealerships have been planned in Maharashtra. However, in view of various steps preceding commissioning of a Retail Outlet, it is not possible to indicate how many of these would be actually set up in 1990-91.

(b) Yes, Sir.

(c) The information is as follows:

Category	Number
SC/ST	10
PH	08
FF	Nil

[English]

Soviet Assistance to Bakreshwar Power Plant

754. SHRI HANNAN MOLLAH: Will the Minister of ENERGY be pleased to state:

(a) whether the Soviet experts visited Bakreshwar Thermal Plant Project recently;

(b) if so, the details in this regard;

(c) whether the Soviet assistance has been given to the Bakreshwar project; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI BABANRAO DHAKNE): (a) to (d). A Soviet Delegation comprising of Experts in Soil Mechanics, Structural Engineering and Specialist in Hydro Dynamics visited Bakreshwar site on 14th December, 1990 for a day. The visit was inter-alia intended to get an idea of the work done on the site in relation to the proposed Bakreshwar Thermal Power Project (3x210 MW). The Soviet assistance for the Bakreshwar TPP will be given to the West Bengal Government after the final contract is signed with the Soviet Authorities on the basis of the detailed project report including prices, which are under preparation by the concerned Soviet agencies.

[Translation]

Flaring of Natural Gas

755. DR. CHINTA MOHAN:
SHRI INDRAJIT GUPTA:
SHRI PHOOLCHAND VERMA:
SHRI MADHAVRAO SCINDIA:
SHRI MONORANJAN SUR:
PROF. VIJAY KUMAR
MALHOTRA:
SHRI MULLAPPALLY
RAMACHANDRAN:

Will the Minister of PETROLEUM AND CHEMICALS be pleased to state:

(a) the estimated volume and value of Natural gas flared in different parts of the country per day from 1 December, 1989 to date, separately, and its comparison with gas flared during the last three years;

(b) whether the Oil and natural Gas Commission (ONGC) has made plans of Rs. 2002 crores in recent months to put an end to the flaring of natural gas and utilise the same in different sectors of the economy;

(c) if so, the details thereof and the stage at which the proposals are pending; and

(d) the time by which these are likely to be implemented keeping in view of the oil

crisis in the country?

THE MINISTER OF PETROLEUM AND CHEMICALS AND MINISTER OF PARLIAMENTARY AFFAIRS (SHRI SATYA PRAKASH MALVIYA): (a) The quantity of gas flared in different parts of the country between December 1, 1989 to November 30, 1990 is approx. 5400 m.cu.m and the estimated economic value of this gas approx. Rs. 1421.40 crores. The volume of gas flared and its economic value in the previous three years is as follows:-

S. No.	Year	Gas Flared (M.cu.m.)	Economic value (Rs./crores)
1.	1987-88	3318	984.00 approx.
2.	1988-89	3838	1040.00 approx.
3.	1989-90	5460	1420.00 approx.

(b) Yes, Sir.

(c) and (d). Details of ONGC plans to end the flaring of gas are as follows:-

- (i) SHG Process Complex in Bombay High South and SHB-BPB Pipeline, at a cost of Rs. 1122 crores. Expected to be completed by pre-monsoon 1994.
- (ii) NQP Process Complex in Bombay High North, at a cost of Rs. 575 crores. Expected to be completed by pre-monsoon 1994.
- (iii) ICP Heera Pipeline at a cost of Rs. 347 crores. Expected to be completed by pre-monsoon 1993.

[English]

Harnessing of alternative energy sources

756. SHRIBALASAHEB VIKHEPATIL: Will the Minister of RAILWAYS be pleased to state:

(a) whether the Government had taken a decision in recent months to investigate as to how alternative energy resources could be utilised;

(b) if so, the outcome of the investigation made in this regard; and

(c) the salient features of such investigations?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRIBABANRAO DHAKNE): (a) to (c). The working group set up by the Planning Commission for Non-Conventional Energy Sources for the 8th Plan has prepared a report containing proposals in this area. The salient features of this report are proposals for expansion of programmes in the area of Biogas, Improved Chulhas, Wind and Solar Energy, Mini & Micro Hydel Power requiring a total outlay of approximately Rs. 7000 crores.