

In order to prove the catalysts developed by the MCL on commercial basis, it has been proposed to set up a pilot plant at BPCL Refinery, Bombay, jointly by the National Chemical Laboratory, BPCL and Davy Power Gas India Pvt. Ltd. The cost of the pilot plant is estimated to be Rs. 6 crores and the capacity would be one ton per day of kerosene and diesel.

Soviet Assistance for Bakreshwar Thermal Project

64. SHRI CHITTA MAHATA:
SHRI CHITTA BASU:
SHRI AMAR ROYPRADHAN:
SHRI SATYAGOPAL MISRA:

Will the Minister of ENERGY be pleased to state:

(a) whether the Soviet assistance for the Bakreshwar Thermal Project in West Bengal has been made available to West Bengal Government; and

(b) if not, the reasons therefor?

THE MINISTER OF ENERGY AND MINISTER OF CIVIL AVIATION (SHRI ARIF MOHAMMAD KHAN): (a) and (b). Soviet assistance for the Bakreshwar Thermal Power Project will be released 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*]

Extension of Maharashtra Express

65. PROF. MAHADEO SHIWANKAR:
Will the Minister of RAILWAYS be pleased to state:

(a) whether Government have con-

ducted a survey to assess the need and to meet the public demand for extending Maharashtra Express beyond Nagpur upto Gondia;

(b) whether representations have been received in this regard and action taken thereon; and

(c) whether his Ministry is reconsidering its earlier decisions in this regard?

THE MINISTER OF RAILWAYS (SHRI GEORGE FERNANDES): (a) to (c). There have been demands for extension of Kolhapur-Nagpur Maharashtra Express to/from Gondia which have been examined but not found feasible for implementation due to operational constraints and lack of resources.

[*English*]

Energy from Industrial Wastes

66. SHRI KALP NATH RAI:
SHRI PRAKASH KOKO
BRAHMBHATT:
SHRIMATI BASAVA RAJESWARI:
SHRI GANGA CHARAN
LODHI:
DR. LAXMINARAYAN PANDEYA:

Will the Minister of ENERGY be pleased to state:

(a) whether Gujarat is providing cooking gas to 350 families for eight hours daily in Maithon villages by using urban, rural and industrial wastes;

(b) if so, whether Government propose to go ahead with this scheme by setting up more such plants for generating gas and electricity in other States also; and

(c) if so, the details of the plans pro-

posed, State-wise and the cost thereof in this regard?

THE MINISTER OF ENERGY AND MINISTER OF CIVIL AVIATION (SHRI ARIF MOHAMMAD KHAN): (a) Yes, Sir. The Community Biogas Plant set up at Maithan village, Mehsana District, in Gujarat provides biogas for cooking by 350 families for 6-8 hours daily. The biogas plant is operated using animal dung.

(b) Yes, Sir. A scheme is already in existence to instal community and institutional biogas plants at potential sites throughout the country. However, the size of the plant and the number of beneficiaries depend upon the quantity of wastes, primarily animal dung and night soil, available in a village or institution. These biogas plants provide gas primarily for cooking and water pumping. Surplus gas is used for generation of electricity, depending upon the site specific requirements.

(c) It has been proposed to set up 900 plants with partial financial assistance from Department of Non-Conventional Energy Sources. An outlay of Rs. 30.00 crores has been proposed for this activity during VIII Plan. State-wise targets are not assigned for this programme, as the number of plants set up in any State would depend upon the techno-economically viable sites identified by the concerned state or its implementing Agency.

[*Translation*]

Requirement and Availability of Power in Delhi

67. SHRI MADAN LAL KHURANA: Will the Minister of ENERGY be pleased to state:

(a) the total consumption of power in Delhi and the extent of power generated through its own sources;

(b) whether Government contemplate to take any steps to meet power shortage in Delhi; and

(c) if so, the details thereof?

THE MINISTER OF ENERGY AND MINISTER OF CIVIL AVIATION (SHRI ARIF MOHAMMAD KHAN): (a) The present average consumption of power in Delhi is about 26 million units per day. The daily generation from the DESU's own sources, including the Badarpur Thermal Power Station in the Central Sector is about 17 million units. The balance is met by drawl from the Northern Grid.

(b) and (c). With a view to augment the generating capacity of Delhi, the 2 x 67.5 MW Rajghat Thermal Replacement Units have been commissioned recently. Installation of 3 x 30 MW Waste Heat Recovery Units at the existing Gas Turbines and setting up of a 800 MW combined cycle Gas-based power project at Bawana are also envisaged, subject to the availability of resources and other inputs. Delhi would also get its share from the 840 MW National Capital Thermal Power Project being set up at Dadri by the National Thermal Power Corporation. Installation of a 400 KV transmission ring around Delhi, augmentation of 200 KV transmission and distribution network and the construction of Rihand-Dadri HVDC line are in progress, which will also help in meeting the future growth of load in Delhi.

[*English*]

Tidal Power Project in Gulf of Kutch

68. SHRI SHANKERSINH VAGHELA: Will the Minister of ENERGY be pleased to state:

(a) the findings of the techno-economic evaluation of feasibility report for tidal power