

nise supplies crude and petroleum products even Iran-Iraq war crisis;

(b) if so, the details of crude and petroleum products purchased by India to meet her domestic requirements, the cost thereof and the country from where it was purchased; and

(c) the ratio of crude oil purchased from Russia and at what cost and whether Soviet Union have also assured to supply more crude to India, if so, the details thereof?

THE MINISTER OF PETROLEUM, CHEMICALS AND FERTILIZERS (SHRI P. C. SETHI) (a) There has been some dislocation in our crude imports due to Iran-Iraq war. However efforts are being made to cover up the gap by arranging supplies from elsewhere to the extent required. It is expected that supplies of imported crude to our refineries, would be maintained.

(b) and (c). It would be contrary to international trade practices and also against our national interest to divulge further details.

Equipment to check Pollution Lying Idle at Indraprastha Power Station

329. SHRI SHIV KUMAR SINGH. THAKUR: Will the Minister of ENERGY be pleased to state:

(a) whether it is a fact that equipment worth crores of rupees to check pollution is lying idle at Indraprastha Power Station, as reported in the "Indian Express" dated 15th October, 1980;

(b) if so, the details of the reasons for the equipment lying idle and action proposed to be taken against those who are responsible; and

(c) the details of the steps to be taken to put the equipment in use without any loss of time and also the details of the capacity of the equipment together with its cost?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI VIKRAM MAHAJAN): (a) to (c). Delhi Electric Supply Undertaking has reported that only a part of the imported equipment, which is proposed to be used for controlling air-pollution from Units 2, 3 and 4 of I.P. Station, has arrived at site so far.

The entire equipment is expected to be received at site by the end of November, 1980. By that time, the work of fabrication of indigenous parts for one unit is expected to be completed. The work of installation of anti-air pollution equipment is proposed to be started in the first week of December, 1980 by closing down each Unit for a period of about 3 months one by one. The cost of imported component of the equipment is dollars 2.1 millions F.A.S., New York plus Rs 110 lakhs representing custom, freight, insurance etc. plus Rs. 56 lakhs for indigenous components and engineering services. The installation of anti-air-pollution equipment for unit 2, 3 and 4 at I.P. Station will bring down the emission of dust at chimney level below 100 mg./NM³ which is an accepted standard in most of the Western Countries.

Production of Oil from Bombay High

330. SHRI SHIV KUMAR SINGH:

SHRI SUBHASH CHANDRA BOSE ALLURI:

SHRI R. Y. GHORPADE:

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

(a) whether it is a fact that Government are considering to spend 365 crore more to step up output at Bombay High;

(b) if so, the expected production of oil from Bombay High as a result of this expenditure and the extent to which it shall meet country's requirements in the event of Iran-Iraq war;

(c) the details of the quantity of oil imported from the Gulf countries against the contracted supply and also from Soviet Union; and

(d) whether Soviet Union has assured to supply more oil to India than contracted and if so, the details thereof?

THE MINISTER OF PETROLEUM, CHEMICALS AND FERTILIZERS (SHRI P. C. SETHI): (a) Yes, Sir. Phase IV development programme of Bombay High estimated to cost Rs. 365.40 crores has recently been approved.

(b) On completion of Phase IV development programme of Bombay High, the crude production rate is proposed to be stepped up from 7 million tonnes per annum to 12 million tonnes by end 1982

(c) and (d) It would not be the public interest to divulge any information at this stage

Power Generation in the country

331. SHRI K. M. MADHUKAR: Will the Minister of ENERGY be pleased to state:

(a) whether it is a fact that there has not been any improvement in the Power Generation in the country during the recent months;

(b) if so, what is the month-wise generation of power since June this year; and

(c) what is the Government's reaction to the bad performance of the Power Plants?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI VIKRAM MAHAJAN): (a). No, Sir. In fact generation has improved.

(b) Total energy generation in the country, month-wise, from June, 1980 to October, 1980 is given below:

	Total energy generated (MU)
June, 1980	8684
July, 1980	8994
August, 1980	9262
Sept. 1980	9465
Oct. 1980	9723

(c) A number of steps have been taken are being taken to improve the performance of thermal power stations. These measures include:

- (i) concerted efforts including evolving proper commissioning procedures for early stabilisation of the newly commissioned thermal generating units,
- (ii) identification of deficiencies in design equipments etc., and preparation of Plant Betterment programme at a number of thermal power stations. Guidelines have been sent to the power station authorities to help them in organising these programmes expeditiously.
- (iii) Organisation of intensive training programme in operation and maintenance of thermal power plants,
- (iv) supply of requisite quantity and quality of coal to thermal power stations,
- (v) introduction of modern maintenance techniques including preventive maintenance practices,
- (vi) arranging visit of experts from various disciplines to power stations for suggestions for improving the performance of power stations, and