

ing feasibility for tidal power generation in the Gulf of Kutch has been sanctioned and investigations have started.

#### **Oil and gas from Porto-Novu off-shore structure**

33. SHRI O. J. JOSEPH: Will the Minister of ENERGY be pleased to state what is the flow rate of oil and gas in the fourth well at Porto-Novu off-shore structure?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI DALBIR SINGH): The information is being collected and will be laid on the Table of the Sabha.

#### **Coal deposits**

34. SHRI HARKISHAN SINGH SURJEET: Will the Minister of ENERGY be pleased to state what are the estimated coal deposits in the country and what is the annual exploitation thereof?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI GARGI SHANKAR MISHRA): The Coal reserves in India as per the assessment (September 1978) made by the G.S.I. stand at 1,11,878 million tonnes. Annual production of coal for the last five years is given below:

*Million tonnes*

1977-78	100.98
1978-79	101.95
1979-80	103.95
1980-81	113.96
1981-82	124.90

#### **Fresh drilling in Digboi oil area**

35. SHRI ROBIN KAKATI: Will the Minister of ENERGY be pleased to state:

(a) whether Oil India Limited has taken up a scheme to start fresh drilling in Digboi oil area and if so, what are the details thereof; and

(b) what is the number of wells in Digboi oil-field area at present working; what are the quantities of crude oil being daily drilled and what is the drilling cost per day per well?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI DALBIR SINGH) (a) Yes, Sir. 13 wells are proposed to be drilled in Digboi oil-field from July 1983 during the Sixth Five Year Plan period.

(b) The number of oil/gas producing wells at present in Digboi oil-field area is 409.

The annual production from the Digboi oil-fields is about 0.04 million tonnes. Oil India has not yet commenced drilling in the area hence the question of drilling costs does not arise.

#### **Supply of Kerosene to Orissa**

36. SHRI JAGDISH JANI: Will the Minister of ENERGY be pleased to state:

(a) whether Government are aware that quantity of kerosene supplied to Orissa during the last three years is very inadequate;

(b) if so, whether Government have a proposal under their consideration to augment the supply of Kerosene to Orissa in 1982-83; and

(c) to what extent the supply of kerosene to Orissa is expected to be augmented?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI DALBIR SINGH): (a) The quantities of kerosene sold in Orissa State during the last 3 years and the annual percentage growth rate in sales over

that of the previous year are as under:—

Year	Figures in metric tonnes	
	Quantity	Percentage growth rate in sales over that of the previous year
1979-80	68,076	..
1980-81	72,710	6.0
1981-82	80,605	10.9

The sales have gone up from year to year.

(b) The kerosene sales in Orissa during the first 5 months of the year

1982-83 have been more than the sales in the corresponding five months of the previous year as per details given below:—

	Figures in metric tonnes	
	April—August 1981 Sales	April—August 1982 Sales
Kerosene	31,473	34,323

(c) According to the present policy, the year has been divided into 3 segments of 4 months each and the kerosene allocation is made on a uniform basis for all the four months of a block. For summer (March—June) and monsoon (July—October) blocks, the allocations are based on a 5 per cent growth over the average monthly sales in the corresponding four months of the previous year. For winter months (November—February) the allocations are based on a 5 per cent growth over the highest allocation/sale in any one of the previous year's corresponding four months. Besides the normal allocations, during the months of June and September ad-hoc allocations have been made to meet the demand of cyclone/flood affected areas. During September the full requirements of the State have been met.

#### Import of Oil Extraction Equipment

37. SHRI ADINARAYANA REDDY: Will the Minister of ENERGY be pleased to state:

(a) whether Government have imported various types of oil extraction equipments during the last three years;

(b) if so, what is the total cost of such equipment in terms of foreign exchange; and

(c) what improvement in the production of oil has been effected as a result of use of such imported equipment?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI DALBIR SINGH): (a) Yes, Sir. Specialised oil extraction equipment, such as sucker rod pumps, gas lift equipment, tubings, well stimulation