

Goa, according to the forecast carried out by the Central Electricity Authority under 17th Electric Power Survey (EPS), for the year 2016-17 and 2021-22 is given below :

| Year    | Energy Requirement (MU) | Peak Demand (MW) |
|---------|-------------------------|------------------|
| 2016-17 | 6880                    | 1083             |
| 2021-22 | 9082                    | 1429             |

(b) Source-wise details of power generating capacity pertaining to Goa is given below :

| Source                   | Sector  | Capacity (MW) |
|--------------------------|---------|---------------|
| Gas                      | Private | 48            |
| Renewable Energy Sources | Private | 30            |

In addition, Goa has an allocation of 443 MW to 455 MW power from Central Generating Stations during different hours of the day including 26 MW from nuclear stations and balance 417-429 MW from thermal power stations.

(c) and (d) No proposal has been received from Government of Goa for making the State self-sufficient in regard to availability of power.

#### **Naphtha based power projects**

2910. SHRIMATI SMRITI ZUBIN IRANI:

SHRI KANJIBHAI PATEL:

Will the Minister of POWER be pleased to state:

- (a) the number of power projects cleared/sanctioned by Government with naphtha as feed stock during the last three years and the current year, State-wise;
- (b) the power generation expected from naphtha based projects;
- (c) the average per unit power generation cost from the said projects;
- (d) whether Government proposes to import naphtha for the purpose;
- (e) if so, the details thereof, State/UT wise; and
- (f) the likely annual foreign exchange outgo, when these projects would be commissioned?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI K.C. VENUGOPAL): (a) to (f) As per the Electricity Act, 2003, techno-economic clearance for thermal projects is not required from Central Electricity Authority (CEA). As such no proposals for thermal power projects are being received in CEA for techno-economic clearance. As per information available in CEA, no Naphtha based power project is under construction in the country.

**Rise in electricity prices due to coal shortage**

†2911. SHRI RAM JETHMALANI:

SHRI RAVI SHANKAR PRASAD:

Will the Minister of POWER be pleased to state:

(a) whether it is a fact that the price of electricity went up rapidly in electricity trading when the news of shortage of coal for the power generation projects surfaced;

(b) if so, the details thereof;

(c) the extent of increase in the prices of electricity by November, 2011; and

(d) the quantum of electricity trading done in each month from April, 2011 to November, 2011?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI K.C. VENUGOPAL): (a) to (d) The price of electricity in the electricity trading market primarily depends on anticipated requirement and availability of power, which in-turn depend on a number of factors. The month-wise details of quantum and price of electricity traded during April to October, 2011 (latest available from CERC) is given below:

**Volume and Price of Electricity transacted through Traders and Power Exchanges**

| Period      | Bilateral through Traders |                              | Power Exchange (IEX) |                              | Power Exchange (PXIL) |                              |
|-------------|---------------------------|------------------------------|----------------------|------------------------------|-----------------------|------------------------------|
|             | Volume (MU)               | Weighted Average Price (kWh) | Volume (MU)          | Weighted Average Price (kWh) | Volume (MU)           | Weighted Average Price (kWh) |
| 1           | 2                         | 3                            | 4                    | 5                            | 6                     | 7                            |
| April, 2011 | 2761.8                    | 4.76                         | 1231.55              | 3.49                         | 140.96                | 4.00                         |

†Original notice of the question was received in Hindi.