

**THE MINISTER OF STATE IN
THE MINISTRY OF ENERGY (SHRI
VIKRAM MAHAJAN):** (a) No Sir,

(b) to (e). Does not arise.

**Recommendations of Kulkarni
Committee on Power**

2057. **SHRI K. RAMAMURTHY:**
Will the Minister of ENERGY be
pleased to state:

(a) the principal recommendations
of Kulkarni Committee on the main-
tenance planning and spare parts
management in the Power Stations of
the country; and

(b) the action taken thereon?

**THE MINISTER OF STATE IN
THE MINISTRY OF ENERGY (SHRI
VIKRAM MAHAJAN):** (a) The main
recommendations of the Kulkarni
committee on the modernisation of
maintenance procedure in large
thermal power stations are given
below:—

1. A central maintenance Organ-
isation in each Board which can be
deployed from station to station be
formed.

2. A coordinated schedule of over-
haul of units in the system should
be drawn up at the beginning of
the year in consultation with State/
Regional Load Despatch Station etc.

3. The period of annual inspection
and overhaul of the boilers should
be of the order of 30 days and
complete major overhaul of turbine
undertaken at 3 to 5 years intervals
should be about 45 days.

4. In order to expedite repair
and maintenance work, modern
tools and tackle like sky-climbers
should be deployed.

5. Besides preventive mainte-
nance, predicative maintenance us-
ing observational techniques like
signature analysis and modern
instruments like vibration analysers,

thickness detectors etc. is also
essential;

6. Adoption of new techniques of
management and introducing
managerial functional improvement
(such as setting objectives, employ-
ing adequate number of technically
qualified, competent and experi-
enced personnel) including behaviorial
sciences & materials management
etc.

7. The workshop at the power
station should also have the follow-
ing facilities:

- (i) Balancing of rotors
- (ii) vibrations tests
- (iii) Reblading and
- (iv) Ultrasonic Testing of
welds etc.

8. Imported spares are stocked
for a minimum of two years require-
ments and sufficient number of
indigenous spares are stocked based
on load time required for procure-
ment.

9. BHEL should maintain required
stocks of various major/important
spares and materials for prompt
supply to power stations.

(b) The recommendations have
been circulated to all the State
Electricity Boards for implementa-
tion.

**Proposal of West Bengal to set up
New Thermal Power Projects during
Sixth Plan**

2058. **SHRI SUNIL MAITRA:**
SHRI AMAR ROYPRADHAN:
SHRI CHITTA MAHATA:
SHRI NARAYAN CHOUBEY:

Will the Minister of ENERGY be
pleased to state:

(a) is it a fact that Government
have rejected all the proposals of
the State Government of West Bengal
for setting up new thermal power
projects in the State during the
Sixth Plan; and

(b) if so, what are the reasons?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI VIKRAM MAHAJAN): (a) and (b).
 NC, Sir. The Government of West Bengal had submitted proposals for some new scheme as part of their proposals for the Sixth Five Year Plan 1980-85 for the Power Sector. After detailed discussions in the Working Group for Power constituted by the Planning Commission, project-wise proposals were recommended for the on going and sanctioned projects, and lump sum provisions for new schemes. Subsequently, after discussions with the State Chief Minister, the outlay for the power sector has been determined. The State Government have been requested to suggest the break-up of allocations for the different schemes which is awaited. However, it is expected that over Rs. 300 crores should be available during the Sixth Plan for all new schemes.

Cost Price of Cooking Gas Cylinders

2060. SHRI GHUFRAN AZAM: Will the Minister of PETROLEUM, CHEMICALS AND FERTILIZERS be pleased to state:

(a) whether the cooking gas which is recently explored in India can meet the urban demand;

(b) the number of cylinders filled per day and expected total yearly production in 1981;

(c) the reasons for raising price per (22 Kg) Indane gas cylinder when it is produced in India—the details of cost of production of 22 kg cooking gas and its selling price in the market; and

(d) the total number of cooking gas connections in India on 31-12-80 and the number of connections to be added in 1981 and the persons in the waiting list at present?

THE MINISTER OF PETROLEUM, CHEMICALS AND FERTILIZERS

(SHRI P. C. SETHI): (a) If the intention is to ask about L.P. Gas the demand in the urban sector is being partly met.

(b) A total number of about 85,000 cylinders per day are filled at the bottling plants of the oil companies. The LPG production in the year 1981 is likely to be over 5 lakh tonnes.

(c) The oil companies do not market cooking gas in cylinders of 22 Kg capacity. Prices of cooking gas as well as of other petroleum products were raised in January, 1981 on account of increased price of imported crude and petroleum products, additional product imports due to continued closure of refineries based on Assam crude, escalation in operational costs and additional expenditure on transportation of Bombay High crude through new pipeline.

(d) The total number of cooking gas connections in the country as on 31-3-80 is about 31.5 lakh. About 12 lakh new connections are expected to be released during 1981-82. There are about 37 lakh applicants on the waiting list.

Assurance by State Governments to Supply Electricity to Rural Areas for six Hours Daily

2061. SHRI K. P. SINGH DEO:
 SHRI SUBHASH CHANDRA BOSE ALLURI:

Will the Minister of ENERGY be pleased to state:

(a) whether it is a fact that as a result of Centre's efforts, a majority of the State Governments have now assured the Centre that it would be possible for them to give power to rural areas for at least six hours,

(b) if so, the States which have given such assurance and the names of those which have not been able to do so,

(c) the difficulties being experienced by the States which are not able to