

Loni Road, Shahdara. Construction and maintenance of internal and tributary drain systems is the responsibility of the developing agencies, namely, Municipal Corporation of Delhi and Delhi Development Authority. These agencies have prepared respective schemes for tributary drains and would implement them after the residents of the unapproved colonies pay the development charges.

Number of Power Plants went out of order in Maharashtra

3340 SHRI KESHORAO PARDHI: Will the Minister of ENERGY AND COAL be pleased to state:

(a) the number of power plants went out of order in Maharashtra during the period from February to May, 1980 indicating the main reasons which led to their closure;

(b) whether this was due to sabotage or some technical fault led to their closure;

(c) whether a major part of the state had to face a lot of difficulties due to shortage of power; and

(d) the measures taken to improve the power position?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY: (SHRI VIKRAM MAHAJAN): (a) A statement showing the outages of power plants in Maharashtra and the reasons for outages during the period

from February to May, 1980 is attached.

(b) The Maharashtra State Electricity Board has informed that outages were mostly due to technical reasons and they do not suspect any sabotage.

(c) The power shortage of the order of 15 to 24 per cent in the State has necessitated the imposition of power cuts on various categories of consumers in the State.

(d) A number of measures have been taken and are being taken to improve power availability in the State. These measures include:

(i) maximising generation from the existing installed capacity in the State;

(ii) expediting commissioning of new generating capacity in the State;

(iii) monitoring of coal stocks at thermal power stations in the State and ensuring adequate quantity and quality of coal in the power station in Maharashtra.

(iv) addition of 2592 MW of new capacity has been planned for installation during the period 1980—85, out of which 500 MW is expected to be commissioned in 1980-81.

(v) Steps are being taken for early stabilisation of 200 MW sets commissioned in 1978-79 and 1979-80.

Statement

Outages of power plants in Maharashtra and the reasons for outages in period from February to May, 1980

	Period of outage	Reason for outage
<i>February 1980 :</i>		
1. Newly commissioned 200/210 MW units-Koradi-5, Nasik-3 and Bhilsawal 1-2	880 hours (aggregate)	Turbine plant troubles.
2. 120 MW Koardi Unit-4	109 hours	Boiler tube leakage.

	Period of outage	Reason for outage
3. 30 MW parli Unit-2 Khaperkheda Unit-5	100 hours (aggregate)	Turbine/boiler side trouble
4. 7.5 MW Ballarshah Unit-3	119 hours	Boiler tube leakage
<i>March 1980 :</i>		
1. Newly commissioned 200/210 MW units-Nasik 3 & Bhuaswal Units 2	387 hours (aggregate)	Boiler tube leakage/turbine plant trouble.
2. 120 MW Karadi Unit 1 & 2	540 hours (aggregate)	Boiler plant trouble.
3. 30 MW Parli-1 30 MW Khaerjheca Unit-4	359 hours (aggregate)	Boiler tube leakage/ Turbine side faults.
<i>April 1980 :</i>		
1. Newly commissioned 200/210 MW units-Karadi-5, Nasik-3 and Bhusawal-2	456 hours (aggregate)	Boiler plant trouble/ Turbine plant trouble/ Turbine and boiler faults.
2. 120 MW Koradi-3	39 hours	System disturbances.
3. 62.5 MW Paras Unit-2	70 hours	Generator C.T. failure.
4. 30 MW parli Unit-2 Khaperkheda Unit 2& 5	210 hours	Boiler tube leakage/ condenser fault and boiler side fault.
5. 7.5 MW Ballarshah Unit-1	34 hours	Turbine side fault.
<i>May 1980 :</i>		
1. Newly commissioned 200/210 MW units-Koradi 5, Nasik-3, and Bhusawal-2	317 hours (aggregate)	Boiler side troubles/ Turbine side faults 132 KV P.T failure and water pump troubles.
2. 120 MW Koradi Unit-3	261 hours	Boiler tube leakage.
3. 120 MW Koradi Unit-4	346 hours	Turbine bearing vibrations.
4. 140 MW Nasik Unit-2	136 hours	Boiler tube leakage.
5. 30 MW Parli Unit-2 Khaperkheda Unit-2	112 hours (aggregate)	Exciter trouble/ Boiler Trouble.
6. 7.5 MW Ballarshah Unit 1&2	9 hours (aggregate)	Cooling water pump motor trouble.

Gas reserves in Bombay High region

3341. SHRI G. NARSIMHA REDDY: Will the Minister of PETROLEUM AND CHEMICALS be pleased to state:

(a) what is the total quantity of gas reserves found in off shore areas of Bombay High region; and

(b) what are the details of Plans of Government to utilise gas reserves?

THE MINISTER OF PETROLEUM, CHEMICALS AND FERTILIZERS (SHRI VEERENDRA PATIL): (a) The total geological reserves of gas of Bombay High and the adjoining fields in the region are estimated at 624 billion cubic metres, out of which the