

**Production of locomotives at Chittaranjan Locomotives Works**

6397. SHRI SHANKERSINH VAGHELA:  
DR. A.K. PATEL:

Will the Minister of RAILWAYS be pleased to state:

(a) the targets fixed and actual production of diesel and electric locomotives by the Chittaranjan locomotive Works during 1988-89 and 1990-91;

(b) the number of such locomotives targeted for production during 1991-92;

(c) whether CLW exports any of its products;

(d) if so, the value and quantity thereof during each of the last three years; and

(e) the future plans in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI MALIKARJUN): (a) The information is as under:

<i>Year</i>	<i>Targets fixed</i>	<i>Actual Production</i>
<i>1</i>	<i>2</i>	<i>3</i>
1988-89	144	141
1989-90	144	147
1990-91	144	154

(b) 149.

(c) No, Sir.

(d) Does not arise.

(e) There are no such plans in the near future.

**Wind energy in eighth plan**

6398. SHRI M.R. KADAMBUR JANARTHANAN: Will the Minister of POWER AND NON-CONVENTIONAL ENERGY SOURCES be pleased to State:

(a) whether the power produced through Atomic and Thermal Energy is costlier than power produced through wind energy; and

(b) If so, the target of power production through wind energy in the Eighth Plan?

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALPNATH RAI): (a) The cost of generation from thermal, nuclear and wind power projects depends on their respective technological characteristics and number of variables, such as location, type and size of plant and equipment, the size of projects, extent of civil works, and the cost and availability of fuel, etc. The average cost of generation from three demonstration wind power projects of 20 MW aggregate capacity taken up recently is estimated to be Rs. 1.17 per unit. However, cost data available from such small size demonstration projects is not strictly comparable with large scale thermal or