

Statement

Details of renewable power generation capacity installed under major schemes / programmes during the last three years, i.e., 2005-06 to 2007-08

Name of the Scheme/ Project/ Programme	Achievements- Installed Capacity in MW		
	2005-06	2006-07	2007-08
Wind power	1716	1742	1663
Small Hydro (upto 25 MW)	121	149	205
Biomass Power/Cogeneration	163	228	266
Urban & Industrial Waste to Energy	2	17	19
TOTAL	2002	2136	2153

Target for wind energy

1485.SHRI N. BALAGANGA: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) the target fixed for generation of wind energy State-wise and year-wise;
- (b) whether the targets has been achieved so far and if so, the details thereof year-wise and State-wise; and
- (c) if not, the corrective steps taken by Government to achieve the target without any deficiency, year-wise and State-wise?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) and (b) A target of 10,500 MW has been fixed for Eleventh Five Year Plan for wind power capacity addition through commercial projects with private sector investments. However, State-wise targets have not been fixed for power generation from wind. The overall target *vis-a-vis* achievements for the last three years is given below:

Year	Target (MW)	Achievement (MW)
2005-06	450	1716
2006-07	1000	1742
2007-08	1500	1663

The State-wise details of achievement during the last three years are given in the Statement (See below).

- (c) Does not arise.

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State-wise details of the wind power capacity addition during the last three years viz., 2005-06 to 2007-08

State	2005-06	2006-07	2007-08
1	2	3	4
Andhra Pradesh	0.5	0.8	0.0
Gujarat	84.5	284	617

1	2	3	4
Karnataka	144	266	190
Kerala	0.0	0.0	8.5
Madhya Pradesh	11	16	130
Maharashtra	545	485	268
Rajasthan	73	112	69
Tamil Nadu	858	578	381
	1716	1741.8	1663.5

Incomplete renewable power projects

†1486. SHRI BANWARI LAL KANCHHAL: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether several of the renewable electricity projects started by the Ministry three years back are incomplete, till date;

(b) if so, the reasons therefor; and

(c) the names of such projects and what is the time limit for their completion?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) to (c) There are no Central Sector renewable power projects and hence the question of delay in completion of projects started by the Ministry does not arise. The projects are implemented mainly in the private sector and some projects directly by State Government Departments / Agencies. The Central Government is supplementing these efforts by way of fiscal and / or financial incentives (subsidies). The subsidy for eligible private sector projects is released only after the project is completed while that for State Government projects linked to physical and financial progress.

Large scale use of solar energy

1487.DR. JANARDHAN WAGHMARE: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Government proposes to generate solar energy in large measure, in view of the fact that we have abundant sunshine;

(b) if so, the steps to be taken to overcome the energy crisis; and

(c) if not, what are the hurdles in the way?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI VILAS MUTTEMWAR): (a) to (c) Solar Energy can be harnessed through two routes namely solar photovoltaic for direct conversion to electricity and solar thermal for heating/cooling and power generation respectively. The Ministry of New and Renewable Energy is implementing schemes on promotion of solar energy in the country. About 4.34 lakh solar home lights, 6.97 lakh solar lanterns, 0.74 lakh solar street lights, 7204 solar pumps, 5.2 MWp off-grid and grid connected solar power plants, 25 lakh square metre solar thermal collector area and 6.2 lakh solar cookers have been

†Original notice of the question was received in Hindi.