

GOVERNMENT OF INDIA
MINISTRY OF POWER
RAJYA SABHA
UNSTARRED QUESTION NO.2710
ANSWERED ON 21.12.2021

INVOLVEMENT OF NTPC IN GREEN ENERGY GENERATION

2710 SHRI SAMBHAJI CHHATRAPATI:

Will the Minister of **POWER**
be pleased to state:

- (a) whether NTPC has also entered into the arena of green energy generation apart from managing 70 power stations;
- (b) if so, the details of green energy being generated and the green energy projects already in hand;
- (c) how much green energy would be generated by NTPC by the end of next fiscal year; and
- (d) the details of programmes of NTPC in new and renewable energy generation for five years beyond 2022?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (d) : NTPC has entered into the arena of Green Energy Generation apart from managing 70 power stations, the details of which may please be seen at **Annexure**. The expected Green Energy Generation by NTPC in next fiscal year (2022-23) is 10 Billion Units (BU) NTPC intends to achieve upto 35 Giga Watt (GW) of Renewable Energy (RE) capacity by 2027.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 2710 ANSWERED IN THE RAJYA SABHA ON 21.12.2021

Details of green / renewable energy generated by NTPC (excluding NEEPCO and THDC) from its operational renewable projects (Hydro+ Solar + Wind + Small Hydro)

Operational Project	Installed Capacity (in MW)	Gross Generation (in MU) (April to Nov'21)
Koldam Hydro	800	2761.68
Solar Station		
Dadri Solar	5	4.439
Andaman	5	3.225
Ramagundam Solar	10	8.152
Faridabad Solar	5	4.664
Talcher Kaniha Solar	10	8.639
Unchahar Solar	10	8.288
Rajgarh	50	47.577
Singrauli Solar	15	13.167
Ananthapur	250	240.137
Bhadla	260	299.137
Mandsaur	250	247.050
Auraiya	20	22.145
Bilhaur	225	311.412
Simhadri Floating	25	12.449
Jetstar	80	12.219
Ramagundam Floating	17.5	2.119
NTPC Solar Total	1237.5	1244.82
Rojmal Wind	50	69.4250
Singrauli Small Hydro	8	13.720
NTPC Total	2095.5	4089.64

.....2.

Under construction green /renewable energy projects of NTPC (excluding NEEPCO and THDC) are as below:

Under Construction Green Energy Projects	Capacity (MW)
Solar Projects	
Auraiya	20
Rihand	20
Jetsar	80
Ramagundam	82.5
Kayamkulam	92
CPSU: Shambhu Ka Bhurj-I	250
CPSU: Devikot	150
CPSU: Shambhu Ka Bhurj-II	300
CPSU: Nokhra	300
CPSU: Fatehgarh	296
CPSU:Ettayapuram	230
CPSU: Devikot	90
CPSU: Gandhar	20
CPSU: Kawas	56
Anta	90
Bhensada	320
Chattargarh	150
Amreshwar	200
Limbdi	60
Mithapur	60
Mesanka	30
Solapur	23
Solar Total	2919.5
Wind Projects	
Dayapar	150
Hydro Projects	
Tapovan Vishnugad	520
Lata-Tapovan*	171
Rammam-III	120
Hydro Total	811
Grand Total	3880.5

*Construction activities stopped at Lata Tapovan since 08.05.2014 in line with Hon'ble Supreme Court Order dated 07.05.2014.
