

Statement-V*SECI Solar Park scheme*

Sl. No.	Solar Park Name / Location	Capacity (MW)
1.	Rajasthan Solarpark Development Company Limited, Bhadla Phase II	680
2.	Saurya Urja Company of Rajasthan Ltd. (JV of Government of Rajasthan & IL&FS) Bhadla Phase III	1000
3.	Essel Surya Urja Com.of Raj Ltd.	750
4.	Bhadla Phase IV, Village Bhadla, Tehsil Bap, Jodhpur by Adani Renewable Energy Park Raj. Ltd. (A JVC between Government of Rajasthan and Adani Renewable Energy Park Rajasthan Limited)	500
5.	Dawada and Rasla, Tehsil Fatehgarh and Village Nedan, Tehsil-Pokaran, Jaisalmer by Adani Renewable Energy Park Raj. Ltd. (A JVC between Government of Rajasthan and Adani Renewable Energy Park Rajasthan Limited)	321
TOTAL		3,251

Solar energy generated in the country

1821. SHRI D.P. TRIPATHI: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the total quantum of solar energy generated in the country during the last five years;

(b) how far it has helped in curbing the level of energy scarcity in the country; and

(c) the details of major initiatives taken to increase the generation of solar energy in the country?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI PIYUSH GOYAL): (a) As per information provided by Central Electricity Authority (CEA), around 16 billion units have been generated from solar projects in the country during the last five years.

(b) Solar energy has provided clean energy to the country which is helpful even if the contribution is small at present.

(c) In order to expand solar power generation in the country, Government has launched several schemes. The schemes are as under:

- (i) Scheme for Development of Solar Parks and Ultra Mega Solar Power Projects.
- (ii) Scheme for Development of Solar PV Power Plants on Canal Banks/ Canal Tops.
- (iii) Scheme for setting up 300 MW of Solar Power Projects by Defence Establishments and Para Military Forces with Viability Gap Funding (VGF).
- (iv) Implementation of scheme of setting up 1000 MW of Grid- Connected Solar PV Power Projects by Central Public Sector Undertakings with VGF.
- (v) Implementation of Scheme for setting up of 15000 MW of Grid connected Solar PV Power Projects I by NTPC/NVVN.
- (vi) Setting up of 2000 MW Grid connected solar power with VGF through Solar Energy Corporation of India (SECI).

Government is also providing following fiscal and promotional incentives:

- capital and/or interest subsidy,
- tax holiday on the earnings for 10 years,
- generation based incentive,
- accelerated depreciation,
- viability gap funding (VGF),
- financing solar rooftop systems as part of home loan,
- concessional excise and custom duties,
- preferential tariff for power generation from renewables, and
- Foreign direct investment up to 100 per cent under the automatic route.
- In addition, power tariff is brought down through schemes like bundling with thermal power and VGF.

Government also provides capital subsidy for setting up of manufacturing units for solar cells and modules and the entire value chain under Modified Special Incentive Package Scheme (M-SIPS) programme of Department of Electronics and Information Technology (DeitY).