1	2	3	4	5	6
12.	Kudgi Hybrid, Karnataka	174	10.10.2018	—	
13.	Ramagundam, Telangana	15	15.06.2018	—	
14.	Ramagundam Floating, Telangana	100	19.12.2018	—	
15.	Simhadri Floating, Andhra Pradesh	25	18.12.2018	—	
16.	Auraiya Floating, Uttar Pradesh	20	17.12.2018		
	TOTAL	1,481			
C. Under Developer Mode					
1.	2000 MW	2000	09.03.2018	16	Awarded
2.	Ananatpur	750	09.03.2018	12	Under Construction
3.	Solar projects near switchyards NTPC stations in WR	1200	10.11.2018	—	Bids yet to be opened
	TOTAL	3,950			
	GRAND TOTAL	8,431			

Share of solar power in power basket

2217. SHRI HARNATH SINGH YADAV: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the contribution of solar energy to the total installed capacity of power in the country;

(b) the rate of growth of solar energy over the last three years; and

(c) the measures being taken by Government to accelerate deployment of solar energy?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI RAJ KUMAR SINGH): (a) A grid connected capacity of 24,567.39 MW of solar energy has been installed out of total installed renewable energy capacity of 73,969.70 MW in the country as on 30.11.2018.

(b) The Compounded Annual Growth Rate of solar energy has been 78.9% over the last three years. The details of grid connected solar energy capacity installed are as under:–

Year	Cumulative Capacity installed (in MW) at the end of year
2015-16	6,763
2016-17	12,289
2017-18	21,652

(c) The Government has taken various measures to accelerate deployment of solar energy in the country. These *inter alia*, include the following:

(i) Announcement of a target of installing 100 GW of solar energy capacity by March, 2022;

(ii) Declaration of trajectory for Renewable Purchase Obligation (RPO) up to the year 2021-22;

(iii) Fiscal and financial incentives such as Capital Subsidy, Viability gap funding (VGF), accelerated depreciation benefits etc;

(iv) Permitting 100% Foreign Direct Investment (FDI) under the automatic route in renewable energy sector;

(v) Issued guidelines for procurement of solar and wind power through tariff based competitive bidding process;

(vi) Waiving of Inter State Transmission System Charges and losses for inter-State sale of solar and wind power for projects to be commissioned up to March, 2022;

(vii) Raising funds from bilateral and multilateral finance and development institutions;

(viii) Implementation of Green Energy Corridor project to facilitate integration of large scale renewable generation capacity addition.

Use of energy efficient pumps in agriculture

2218. SHRI AKHILESH PRASAD SINGH: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether Government has taken any steps to make country more energy efficient in agriculture sector; and

(b) whether Government is OF collaboration with any of the PSUs, planning to launch energy efficient pumps for agriculture purpose, if so, the details thereof and if not, the reasons therefor?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI RAJ KUMAR SINGH): (a) Yes Sir. The Bureau of Energy Efficiency under its Standards and Labelling programme has introduced the voluntary labelling programme for agriculture pump-sets. Under this programme, the pump manufacturers can register their models to provide Star Labels (1 Star to 5 Star) based on the energy performance. Currently, 438 models from 8801 manufacturers are registered with the Bureau of Energy Efficiency.