

- (b) if so, the reasons therefor;
- (c) whether Government would provide them some more time to make arrangements;  
and
- (d) if not, the reasons therefor?

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH): (a) and (b) Under the Jawaharlal Nehru National Solar Mission, in January, 2011, 36 project developers had signed Power Purchase Agreement (PPA) with NTPC Vidyut Vyapar Nigam (NVVN) for setting up of 615 MW capacity of grid solar power projects. The project developers were required to achieve financial closure in six months from the date of signing of PPA. All the project developers have reported financial closure by the due date of 9th July, 2011. NVVN has accepted the documents of financial closure of 35 project developers for setting up of 610 MW capacity. One project for 5 MW capacity has failed to meet the requirements.

(c) and (d) Does not arise.

#### **Solar power potential**

878. SHRI K.N. BALAGOPAL: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) the estimated solar energy potential in the country;
- (b) the details regarding capacity, State-wise; and
- (c) how many projects were submitted from Kerala along with their capacity and estimated project cost?

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH): (a) About 5000 trillion KWh per year energy is incident over India's land area with most parts receiving 4-7 KWh per sq. m. per day. On an average about 50 MW capacity Solar Power Plant can be set up on 1 sq. km. land area.

(b) A total of 20 grid Solar Power Plants, aggregating to 45.5 MW have been installed in the country by July, 2011. A State-wise list is given in the Statement (See below).

(c) Under the "Roof Top PV and Small Solar Power Generation Programme (RPSSGP)" scheme of the Ministry, two project developers from Kerala, registered their application for 1 MW capacity each. They were however, declared ineligible since they could not fulfill the eligibility criterion.

**Statement**

*MW Size Grid Solar Power Plants in India (As on 31st July, 2011)*

SL. No.	State	Project Developer	Capacity (MWp)	PV/ST	Location	Month of Comm.
1	2	3	4	5	6	7
1.	Andhra Pradesh	Sri Power Generation (India) Pvt. Ltd.	2	P V	Varadayapalem Mandel, Distt: Chittoor, A.P.	Apr-11
2.	Delhi	Reliance Industries Ltd.	1	P V	Thyagaraj Stadium, Delhi	Apr-10
3.		North Delhi Power Ltd.	1	P V	Keshavpuram, Delhi	Dec-10
4.	Gujarat	LancoInfratech Limited	5	P V	Charanka Solar Power, Distt: Patan, Gujarat	Jan-11
5.		Sun Edison	1	P V	Gandhinagar, near PDP Uni.	Jan-11
6.		Azure Power Private Limited	5	P V	Khadoda Village. Distt: Sabarkhanta, Gujarat	Jun-11
7.	Haryana	C & S Electric Limited	1	P V	Village Nandha, BadhraMandal, Distt: Bhiwani, Haryana	Jun-11
8.	Karnataka	Karnataka Power Corporation Limited	3	P V	Yelasandra village, Bangarupet Taluk a, Distt: Kolar, Karnataka	Nov-09
9.		Karnataka Power Corporation Limited	3	P V	Itnal Village, Chikodi Taluka, Distt: Belgaum, Karnataka	Dec-09
10.	Maharashtra	Maharashtra State Power Generation Co. Ltd.	1	P V	Chandrapur STPS, Chandrapur, Maharashtra	Apr-10

1	2	3	4	5	6	7
11.		Tata Power Company	3	PV	Mulshi, Distt: Pune, Maharashtra	Mar-11
12.		Dr. Babasaheb Ambedkar Sahkari Sakhar Karkhana Ltd.	1	PV	Arvindnagar, Keshegaon, Tq. and Distt. Osmanabad Maharashtra	Jul-11
13.	Orissa	Raajratna Energy Holdings Private Limited	1	PV	Sadeipali, Distt: Bolangir, Orissa	Jun-11
14.	Punjab	Azure Power Private Limited	2	PV	Village Ahwan, Tehsil Ajana, District Amritsar, Punjab	Dec-09
15.	Rajasthan	Reliance Industries Limited, Solar Group	5	PV	Khasra No. 1133, Village Khimsar, Tehsil: Khimsar, Distt: Nagaur, Rajasthan	Jul-10
16.		ACME Tele Power Ltd.	2.5	CSP Tower	Bherukhada, Bikaner, Rajasthan	May-11
17.	Tamil Nadu	Sapphire Industrial Infrastruc- tures Private Limited	5	PV	Village Rettai Pillai, Iyarkulam, Taluk New Kallthur Sivaganga, Distt: Sivaganga, Tamil Nadu	Dec-10
18.		B&G Solar Private Limited	1	PV	Komal West Village, Mayiladuthurai, Tamil Nadu	Jun-11
19		R L Clean Power Pvt. Ltd.	1	PV	Marakathoor village, Kalayarkoil Taluk, Sivaganga District, Tamil Nadu	Jul-11
20	West Bengal	West Bengal Green Energy Development Corporation Limited	1	PV	Seebpore Power Station of DPSC Ltd., Block Jamuria, Asansol, West Bengal	Aug-09
TOTAL			45.5			