

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO-1899
ANSWERED ON-14/12/2021

FLOATING SOLAR ENERGY PROJECTS ON DAMS

1899. SHRI DEREK O' BRIEN

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether there are plans of setting up floating solar projects on dams, if so, the details thereof;
- (b) the timeline that the Ministry is looking at to complete the project;
- (c) whether the Ministry has taken into account the environmental impacts of these projects; and
- (d) if so, the steps being taken to address the impacts, the details thereof?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER
(SHRI R.K. SINGH)

(a) Floating solar power plants on various water bodies including reservoirs of dams can be taken up under the Solar Park scheme of Ministry of New & Renewable Energy (MNRE). As on 08.12.2021, four floating solar parks of a cumulative capacity of 850 MW have been sanctioned under the Solar Park scheme. The details of these parks are at **Annexure**.

(b) The timeline for completion of floating solar parks under the Solar Park scheme is two years from the date of approval.

(c)&(d) Solar PV power projects including floating solar power projects do not have any deleterious effect on the environment and are therefore exempted from the provisions of Environment Impact Assessment (EIA) Notification, 2006 as per O.M. No. J-11013/41/2006-IA.II(I) dated 13.05.2011 of Ministry of Environment, Forest and Climate Change (MoEF&CC).

Annexure

**Annexure referred in reply to part (a) of Rajya Sabha Unstarred Question No. 1899
replied on 14.12.2021**

Details of floating solar parks sanctioned under MNRE's Solar Park scheme as on
08.12.2021:

Sl. No.	State	Solar Park	Date of in-principle approval	Name of the Solar Power Park Developer (SPPD)	Location
1	Jharkhand	100 MW Floating Solar Park	04-04-2019	Solar Energy Corporation of India (SECI)	Getalsud dam in Ranchi District, Jharkahnd
2	Kerala	50 MW Floating Solar Park	08-12-2020	NHPC Limited	West Kallada, Kerala
3	Madhya Pradesh	600 MW Omkareswar Floating Solar Park	17-09-2020	Rewa Ultra Mega Solar Limited (RUMSL)	Omkareshwar Reservoir in Khandwa District, Madhya Pradesh
4	Odisha	100 MW Floating Solar Park	08-12-2020	NHPC Limited & Green Energy Development Corporation of Odisha Limited	Rengali Reservoir, Angul District, Odisha