

LOK SABHA
UNSTARRED QUESTION NO.901
TO BE ANSWERED ON 7th DECEMBER, 2023

International Solar Alliance

901. SHRI BHOLA SINGH:
DR. SUKANTA MAJUMDAR:
SHRI VINOD KUMAR SONKAR:

पेट्रोलियम और प्राकृतिक गैस मंत्री

Will the Minister of Petroleum and Natural Gas be pleased to state:

- (a) whether the five Public Sector Undertakings (PSUs) under Petroleum and Natural Gas Ministry joined International Solar Alliance (ISA)'s Coalition for Sustainable Climate Action (ISA-CSCA);
- (b) if so, the details thereof;
- (c) whether the oil and gas companies are making efforts to deploy solar panel across the value chain of their operations and propose to increase the solar power capacity;
- (d) if so, the details thereof along with the progress made so far in this regard;
- (e) whether the Ministry has approved some players for over 10 GW of fresh solar equipment manufacturing under the Atmanirbhar Bharat Abhiyaan;
- (f) if so, the details thereof; and
- (g) the other important initiatives being taken by the Ministry in this regard?

ANSWER

पेट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्यमंत्री (श्री रामेश्वर तेली))
MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND
NATURAL GAS
(SHRI RAMESWAR TELI)

(a) and (b): Indian Oil Corporation Limited (IOCL), Bharat Petroleum Corporation Limited (BPCL), GAIL (India) Limited, Hindustan Petroleum Corporation Limited (HPCL) and Oil and Natural Gas Corporation Limited(ONGC), which are Public Sector Undertakings (PSUs) under the administrative control of Ministry of Petroleum and Natural Gas, are corporate partners of International Solar Alliance (ISA) and have contributed to the ISA Corpus Fund.

(c) and (d): Indian Oil PSUs have taken up deployment of solar panels across the value chain of their operations by putting up solar projects at their refineries, terminals, depots, LPG bottling plants, pipeline & pumping stations, retail outlets, lube plants, R&D Centre and Housing colonies. PSU wise data in respect of solarised Retail Outlets (ROs) as on 01.12.2023 is as follows:

S. No.	Name of the oil PSU	Total ROs	Total solarised ROs	Percentage of ROs solarised
1	IOCL	36888	22038	59.7%
2	BPCL	21464	5527	25.8%
3	HPCL	21525	11628	54.0%
Total		79877	39193	49.07%

Indian Oil and Gas PSUs have also put up various solar captive projects across Strategic Business Units (SBUs) totalling 280.868 MW. The details are as under:

S.No.	Name of Oil PSU	Captive Solar consumption/ Captive Solar Projects
1	IOCL	67.85 MW (as on 31.10.2023)
2	BPCL	52 MW (as on 01.12.2023)
3	HPCL	93.328 MW (as on 01.09.2023)
4	ONGC	39.69 MW (as on 31.03.2023)
5	GAIL	14 MW (as on 01.12.2023)
6.	OIL	14 MW (as on 01.12.2023)
Total		280.868 MW

(e) to (g) : As per information received from Ministry of New and Renewable Energy (MNRE), Letters of Award have been issued for setting up of 48,337 MW of fully/partially integrated Solar PV module manufacturing under Production Linked Incentive Scheme for High Efficiency Solar Photo Voltaic (PV) module. The details are placed at Annexure-I.

Annexure-I

(A). Tranche-I of Production Linked Incentive Scheme for High Efficiency Solar PV Modules:

Indian Renewable Energy Development Agency Limited (IREDA) has issued Letters of Award in November / December 2021 for setting up of 8,737 MW of fully integrated solar PV module manufacturing, as follows:

Sl. No.	Name of Company to whom Letter of Award has been issued by IREDA	Manufacturing Capacity (MW)
1	Shirdi Sai Electricals Limited	4000
2	Reliance New Energy Solar Limited	4000
3	Adani Infrastructure Private Limited	737
	TOTAL	8737 MW

(B). Tranche-II of Production Linked Incentive Scheme for High Efficiency Solar PV Modules:

Solar Energy Corporation of India Limited (SECI) has issued Letters of Award in April 2023 for setting up of 39,600 MW of fully/ partially integrated solar PV module manufacturing, as follows:

Sl. No.	Name of Company to whom Letter of Award has been issued by SECI	Manufacturing Capacity (MW)
(P+W+C+M)* Category		
1	Indosol Solar Private Limited	6000
2	Reliance New Solar Energy Limited	6000
3	FS India Solar Ventures Private Limited	3400
(W+C+M)* Category		
4	Waaree Energies Limited	6000
5	Avaada Electro Private Limited	3000
6	ReNew Solar (Shakti Four) Private Limited	4800
7	JSW Renewable Technologies Limited	1000

8	Grew Energy Private Limited	2000
(C+M)* Category		
9	VSL Green Power Private Limited	2400
10	AMPIN Solar One Private Limited	1000
11	TP Solar Limited	4000
TOTAL: 39600 MW		

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P+W+C+M : Manufacturing of polysilicon + Ingot-Wafers + Cells + Modules

W+C+M : Manufacturing of Ingot-Wafers + Cells + Modules

C+M : Manufacturing of Cells + Modules

(Source: Indian Renewable Energy Development Agency Limited (IREDA), Solar Energy Corporation of India Limited (SECI))