

GOVERNMENT OF INDIA
MINISTRY OF PORTS, SHIPPING AND WATERWAYS

LOK SABHA
UNSTARRED QUESTION NO. 3378
ANSWERED ON 07.08.2026

HARIT SAGAR GREEN PORT GUIDELINES

3378. SHRI YADUVEER WADIYAR:

Will the Minister for PORTS, SHIPPING AND WATERWAYS be pleased to state:

पत्तन, पोत परिवहन और जलमार्ग मंत्री

- (a) whether the Harit Sagar Green Port Guidelines are presently applicable only to Major Ports, if so, the details thereof, port-wise;
- (b) whether the Government has formulated or proposes to formulate any policy, incentive or compliance framework to promote adoption of green port standards by non-major ports and private terminals, if so, the details thereof;
- (c) whether the Government has prescribed any regulatory, tariff or operational framework to encourage the use of shore-to-ship power facilities by domestic and foreign vessels at Major Ports, if so, the details thereof; and
- (d) the details of the monitoring mechanism adopted to assess compliance with the Harit Sagar Green Port Guidelines and the progress achieved thereunder?

ANSWER

MINISTER OF PORTS, SHIPPING AND WATERWAYS
(SHRI SARBANANDA SONOWAL)

(a) to (d) The 'Harit Sagar' Green Port Guidelines, 2023 lay down a broad framework for Major Ports to take various Green initiatives to reduce carbon intensity and to develop environment friendly ecosystem. The port-wise progress made by the Major Ports for compliance of the Harit Sagar Green port Guidelines is placed at **Annexure**. Further, to institutionalize performance assessment, the Ministry has launched the Green Port Performance Index (GPPI) Framework in October, 2025 which establishes a standardized mechanism for benchmarking Major Ports across key sustainability indicators, including greenhouse gas emissions, renewable energy, energy efficiency, water management, waste management, circular economy and ecosystem conservation.

MoPSW has also put in place technical safety and operational standards for the implementation of Shore-to-Ship Power Supply (SPS), through Directorate General of Shipping (DGS) Circular No. 09 of 2025, "Recommended Standards for Shore to Ship Power Supply (SPS) at Indian Ports and Ships", including port-specific Standard Operating Procedures (SOPs) and risk assessment.

Annexure

S.No	Ports	Port Equipment electrification (in %age)		Share of Renewable Energy Consumption (Self-generated + Procurement from grid) (in %age)	
		2023	2026	2023	2026
1	DPA	88.9	89.47	31.2	55.49
2	MbPA	100	100	13.9	85.44
3	JNPA	13.4	22.78	2.7	57.88
4	MgPA	100	100	1.2	9.62
5	NMPA	100	100	100	100
6	CoPA	78.79	78.79	1	5.17
7	VOCPA	55.1	80.5	5	94
8	ChPA	9.52	11.11	2.4	2.18
9	KPL	77.78	79.2	50	66.9
10	VPA	80	83.3	34.9	51
11	PPA	59	68	0.1	0.25
12	SMPA	36.8	37.8	4.2	5.6
