

GOVERNMENT OF INDIA
MINISTRY OF PORTS, SHIPPING AND WATERWAYS

RAJYA SABHA
UNSTARRED QUESTION NO. 2718
ANSWERED ON 11.08.2026

HARIT SAGAR GREEN PORT

2718. SHRI BHASHYAM RAMA KRISHNA:

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

- (a) whether the ports of Andhra Pradesh, including Visakhapatnam and Krishnapatnam, have adopted action plans under the "Harit Sagar" Green Port Guidelines 2023, and if so the details thereof;
- (b) the specific green initiatives, such as renewable energy adoption, green hydrogen/LNG bunkering facilities, or waste management systems, undertaken at these ports so far;
- (c) whether any of these ports have received Sagar Shreshtha Samman awards or been evaluated on Environmental Performance Indicators under the guidelines; and
- (d) the targeted timelines set for achieving quantifiable reduction in carbon emissions at ports located in Andhra Pradesh?

ANSWER

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

(a) to (d) The 'Harit Sagar' Green Port Guidelines, 2023 lays down a broad framework for the Major Ports to undertake various green initiatives to reduce carbon intensity and develop an environmentally sustainable port ecosystem. Visakhapatnam Port Authority (VPA), a Major Port has implemented these guidelines. Some of the green initiatives of VPA along with the progress made in port equipment electrification and share of renewable energy consumption by VPA, is placed at **Annexure**.

Visakhapatnam Port Authority (VPA) was conferred the Sagar Shreshtha Samman Award in year 2023 for its performance during the financial year 2022-23. Further, under the 'Harit Sagar' Green Port Guidelines, the targeted timelines for all Major Ports for percentage reduction in Co2 emission per tonne of cargo handled is 30% by 2030 & 70 % by year 2047.

Annexure

Port	Port equipment electrification (in %age)		Share of Renewable Energy Consumption (Self-generated + Procurement from grid) (in %age)	
	2023	2026	2023	2026
Visakhapatnam	80	83.3	34.9	51

Green initiatives: Some of the green initiatives implemented by Visakhapatnam Port authority are as follows:

- Installation of 10 MW capacity Solar Power Plant.
- Successfully commissioned 1MVA Shore-to-Ship Power Supply facility at two berths.
- 100% recycling and reuse of treated wastewater through a 10 MLD STP.
- Establishment of 02 EV stations.
- Deployment of 02 CNG buses.
