

THE ENERGY OF INDIA

IndianOil is a diversified, integrated energy major with a presence across all streams of oil, gas, petrochemicals, lubricants and alternative energy sources. Operating ten refineries in India, IndianOil is the largest oil refiner in the country, having a combined refining capacity of 80.70 MMTPA. As a pioneer in oil pipelines in the country, IndianOil manages one of the world's largest oil pipeline networks of over 15000 KM. IndianOil also has one of Asia's largest petroleum marketing and distribution networks, with 50,000 marketing touch points. Brand Finance recently adjudged IndianOil as the 7th most favoured Oil & Gas brand globally.

MARINE OPERATIONS

IndianOil is a leading energy company offering a range of marine fuels and lubricants at 25 seaports along the 7517 km coastline of India. IndianOil maintains the highest safety standards, operational integrity and quality compliance across the full range of its marine operations. The bouquet of marine offerings from IndianOil includes Very Low Sulphur Fuel Oil, High Sulphur Fuel Oil and Gas Oil.

ASSURANCE. SAFETY. STANDARDS.

At IndianOil, we do more than just offer compliant fuel that meets the maritime fuel standards. We provide complete guidance on safe transition, compatibility, storage, fuel handling, and changeover and more.

NEW ERA. NEW FUEL.

As a key player in the maritime industry for decades in India, IndianOil has set the benchmark for compliant fuels, highest quality assurance and unbeatable safety standards. Today, IndianOil's 0.5% VLSFO continues this green energy commitment to meet industry obligations under IMO 2020.

IMO 2020-VERY LOW SULPHUR FUEL OIL Transitioning to a cleaner environment

IMO 2020

The International Maritime Organization (IMO) has mandated a global 0.5 per cent cap on the maximum level of Sulphur in marine fuel, down from the erstwhile 3.5 per cent. From Jan 1 2020, vessel operators are using a compliant fuel or have a scrubber fitted if they wish to continue burning high Sulphur fuel oil. This ruling does not affect Emission Control Areas, where a 0.10 per cent Sulphur fuel cap will still be required.

MARINE FUELS

IndianOil conducted numerous studies at its world-class R & D centre at Faridabad. And developed a 0.5% Sulphur fuel oil formulation, with extensive research of carefully chosen very low Sulphur refinery streams, and produced VLSFO that provides the best fit bunker fuel and addresses the fuel compatibility concerns of ship-owners. IndianOil is offering fuel solutions with a 0.5% as well as 0.1% Sulphur cap.

0.5% Sulphur Fuel Oil (VLSFO)

IndianOil is supplying VLSFO produced from Low Sulphur Residue components coming from refining processes. The viscosity of VLSFO in the 220-300 cSt range
Specs:ISO 8217:2024 RMG 380

3.5% Sulphur Fuel Oil (HSFO)

IndianOil is supplying HSFO produced from the residue components coming from refining processes. Viscosity of HSFO is below 180 cSt (max 180 cSt). This fuel is suitable for vessels having scrubbers.
Specs:ISO 8217:2024 RME 180

0.1% Low Sulphur MGO

LSMGO (HFHSD) is a differentiated grade specifically made for Merchant and Naval vessels' distillate fuel needs.
Specs:ISO 8217:2024 DMA & MIL-DTL-16844M

PORT SERVICES GUIDE

CHENNAI PORT:

Chennai Port, the third oldest port among the 13 major ports in India, is an emerging hub as an all-weather port on the East Coast of India. It is one of the major ports having a Terminal Shunting Yard and running its Railway operations inside the harbour. The port has railway lines running up to 41 Kms and 8 sidings to handle a wide range of cargo like Granite, Food grains, Dry Bulk, etc. Major imports are POL, granite and Containers and significant exports include Automobiles, general cargo and POL.

Port details:

• Cargo handled (2024-25): 54.96 MMT • No. of vessels calling per annum: 1674 • No. of jetties at port: 26 • Artificial port • Draft available at port: 8.5-16.5 metres • Bunkering at jetties as well as the outer anchorage • 24x7 bunkering operations

Delivery Options:

Mode of Supply	Y/N	Jetty	Delivered / Ex MI
Pipeline	Y	BDI, BD III, OBJ	Delivered
TT	Y	West, North, South Quay & JD	Delivered
Barge	Y	All jetties	Delivered

IOCL is the sole bunker supplier for marine fuels (VLSFO/HSFO/HFHS and Lubes) to the vessels calling Chennai port. Details are updated in the Port Website - Link as follows <https://www.chennaiport.gov.in/bunkering-facilities>

KATTUPALLI PORT:

Adani Kattupalli port is a multi-cargo port located northern side of Ennore Kamarajar port Limited. Kattupalli offers 24x7 congestion-free approach roads for seamless cargo movement. This port provides a comprehensive basket of services, such as a dedicated yard for Direct Port Delivery clearance and Direct Port Entry for factory stuffed/self-sealed export-laden containers and flexible carting. It is an all-weather port. Major imports are general cargo, liquid bulk, container, granite, limestone, etc.; significant exports include general cargo, building materials, granite, limestone etc.

Port details:

• Cargo handled (2024-25): 15.4 MMT • No. of vessels calling per annum: 489 • No. of jetties at port: 3 • Artificial port • Draft available at port: 15 metres • No outer anchorage • Bunkering from sunrise to sunset only

Delivery Options:

Mode of Supply	Y/N	Jetty	Delivered / Ex MI
Pipeline	N		
TT	Y	CB 1, CB 2, CB 3	Delivered
Barge	Y	CB 1, CB 2, CB 3	Delivered

KARAIKAL PORT:

Adani Karaikal port is a private port which became operational in April 2009. The port is located on the eastern coast of India at Karaikal, around 300 km south of Chennai port and 360 km North of Tuticorin port. Major cargoes are coal, pet coke, raw sugar, cement, fertilisers, project cargo, building materials etc. Karaikal Port is having 4 Nos. liquid tanks with 19000 KL capacity that can handle Bitumen, Sulphuric acid, Phosphoric acid, caustic soda etc. Port also has 10 Nos. covered multi-cargo warehousing spaces with an area of 61000 sq. meters. It is connected by rail, and the nearest railway station is Nagore (3 km distance from the port).

Port details:

• Cargo handled (2024-25): 22.3 MMT • No. of vessels calling per annum: 231 • No. of jetties at port: 5 • Artificial port • Draft available at port: 14.5 metres • No outer anchorage bunkering • 24x7 bunkering operations

KAMARAJAR PORT:

Kamarajar Port Limited (Erstwhile Ennore Port Limited) is situated on the East Coast of India, about 20 km north of Chennai Port along the coastline, in the State of Tamil Nadu. Kamarajar Port is the first corporatised major port in India, commenced under the management control of Kamarajar Port Limited (KPL). KPL has rail connectivity from Chennai. It is an all-weather port. Major imports are coal, POL, LNG, LPG, Steel, Chemicals etc., and major exports include Automobiles, containers, general cargo etc.

Port details:

• Cargo handled (2024-25): 48.41 MMT • No. of vessels calling per annum: 1046 • No. of jetties at port: 8 • Artificial port • Draft available at port: 15 metres • bunkering at outer anchorage • 24x7 bunkering operations

Delivery Options:

Mode of Supply	Y/N	Jetty	Delivered / Ex MI
Pipeline	N		
TT	Y	Coal	Delivered
Barge	Y	Coal, Container	Delivered

IOCL is the sole bunker supplier for marine fuels (VLSFO/HSFO/HFHS and Lubes) to the vessels calling Kamarajar port. Details are updated in the Port Website - Link as follows <https://kamarajarport.in/content/innerpage/bunkering-operation.php>

TUTICORIN PORT:

V. O. Chidambaranar Port Authority, Tuticorin, is one of the 13 major ports in India. It is the Second-largest port in Tamil Nadu and has the third-largest container terminal in India. It is an all-weather port. Major imports are coal, cement, fertilisers, raw fertiliser materials, and rock phosphate, and major exports include general cargo, building materials, liquid cargo, sugar, granite limonite ore, etc.

Port details:

• Cargo handled (2024-25): 41.72 MMT • No. of vessels calling per annum: 1558 • No. of jetties at port: 18 • Artificial port • Draft available at port: 14.2 metres • Bunkering at outer anchorage • 24x7 bunkering operations only

Delivery Options:

Mode of Supply	Y/N	Jetty	Delivered / Ex MI
Pipeline	Y	CJ-1, CJ-2, Oil Jetty	Delivered
TT	Y	All jetties except CJ-1, CJ-2, Oil Jetty & Container berth (DBGT)	Delivered / MI
Barge	Y	All jetties	Delivered

IOCL is the sole bunker supplier for marine fuels (VLSFO/HSFO/HFHS and Lubes) to the vessels calling VOC port, Tuticorin. Details are updated in the Port Website - Link as follows https://www.vocport.gov.in/24_7_Bunkering.aspx

Infrastructure: The product terminal is not available at Karaikal. Hence HFHS trucks are loaded from FST, Chennai, for delivering fuel bunkers.

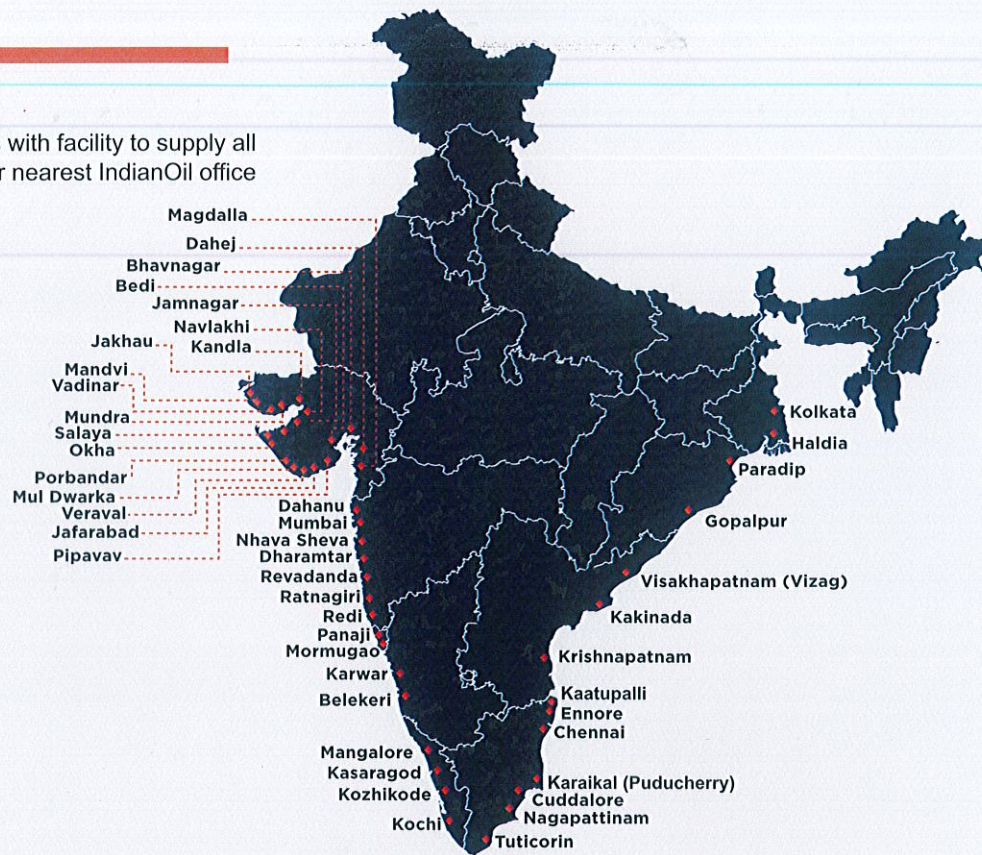
Barge Delivery	Chennai / Ennore / Kattupalli	Tuticorin
	Barge 1	Barge 1
Capacity (MT)	750 (VLSFO) +110 (HFHSD)	470 (VLSFO) +140 (HFHSD)
Type (IV/Sea Going)	Sea Going-can go to Ennore and Kattupalli	Within Tuticorin port & outer anchorage



MAP WITH PORT LOCATIONS:

IndianOil can serve you in any indian ports with facility to supply all marine fuels .Please get in touch with your nearest IndianOil office for your requirements.

**Indian Oil Corporation Limited
Tamilnadu & Puducherry**



PORT LOCATIONS & CONTACTS:

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IndianOil



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