



भारत सरकार / GOVERNMENT OF INDIA
पोत परिवहन मंत्रालय / MINISTRY OF SHIPPING

नौवहन महानिदेशालय, मुंबई
DIRECTORATE GENERAL OF SHIPPING, MUMBAI

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Shore Power Supply at Indian Ports to Visiting Ship

1. Ships when berthed at port, though not propelling still consumes a large amount of energy to meet various functions during its port stay through running of ships auxiliary power for ventilation of accommodation, loading & unloading of cargo, provisions and spares, cooking, etc. This running of fuel-powered generators results in noise, vibrations and emissions in ports. Supply of shore side electricity to ships at Port can reduce emissions, noise and vibrations arising from ships. Thus, installation of facility to supply of shore power to ships in ports meeting the requirement of all types of vessel during their port stay has been considered as environment friendly and same is being done in many modern ports for years.
2. Ministry of Shipping, Government of India (GOI) has been in forefront since last many years to reduce various types of pollution at Indian ports and most importantly 12 major ports. All 12 major domestic ports have now switched to renewable energy to meet their entire power requirements, making India the first country to have all government-owned ports running on solar and wind energy.
3. In order to assist in GOI green port initiative, the Directorate has decided to help ports develop necessary infrastructure mandatorily to supply of shore electric power to all types of ships, calling the ports, during the period of their port stay. In this regard, the Directorate held various meeting and consulted stakeholders such as Indian Coastal Ship-owners Association, Indian National Ship Owners Association, various ports and electric supply regulators for development of necessary infrastructure and grant of distribution license to ports for such supply.

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