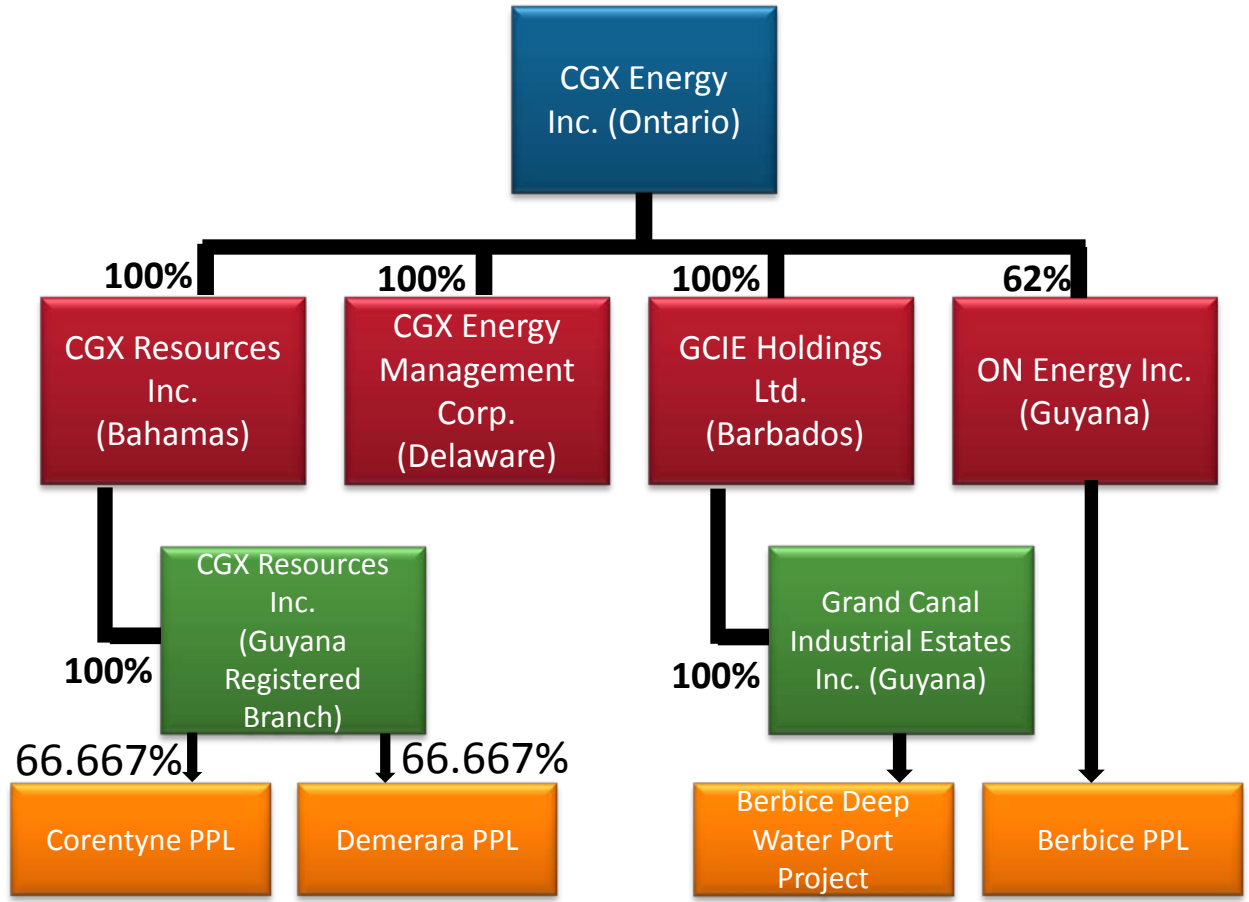


# **Grand Canal Industrial Estates Inc. (GCIE) *Berbice Deep Water Port***



**October 2020**



- Grand Canal Industrial Estates Inc. incorporated in Guyana on 30<sup>th</sup> June 2010
- Registered office at 234 Lance Gibbs and Irving Streets, Georgetown. Principal activity is to build and operate the Berbice Deep Water Port on the Berbice River in Guyana
- GCIE acquired a Government of Guyana Lease of 54.96 Acres of Berbice River Front land adjacent to and North of “Crab Island” from CGX Resources Inc. on 10<sup>th</sup> August 2012
- Lease was acquired by CGX Resources Inc. on 4<sup>th</sup> February 2010, for a period of 50 years

- Berbice Deep Water Port servicing:
  - Oil and Gas Exploration
  - Oil and Gas Production
  - Agricultural export
  - Containerized import/export
  - Cruise Ship docking
  - Regional Shipping



- **Phase 1 (Target: Oct 2020 to Dec 2021):**
  - 91m x 30m wharf platform built out into the channel and accessed via a 49m long, 12m wide trestle.
  - Facility targets supply of fuel, mud, cement, water, electricity.
  - Facility will include Warehouse, Workshop, Office Block, Open Logistics Yard at Port Site and Waste Management Facility
- **Expansion (Target: 2022 to 2025):**
  - Container Stackers, Container Yard, Silos
  - Wharf expansion, bulk traffic

# Factors Motivating Berbice Deep Water Port in Guyana

- Currently, there are two functional Oil and Gas Ports in Guyana
- Located South of the Georgetown Harbour. The Demerara River has a depth of 5.5 – 5.9m at low water. Georgetown Harbour is congested with little room for expansion
- Stabroek Block Partners utilize current ports as well as ports outside of Guyana
- Exploration activities in the basin are increasing rapidly, with limited local shorebases available: despite a strong desire for local ports to be utilized and local content maximized
- There has been three recent offshore discoveries in Suriname
- There is significant exploration activity planned in both Guyana and Suriname in the near term
- The Government of Guyana has clearly identified the development of a Deep Water Port in Berbice as a priority
- Agricultural products in Regions 5 and 6 (produces ~65% of national rice crop) acquires a 20% surcharge to ship out of Port Georgetown

## Build and operationalize initial phase of the **Berbice Deep Water Port** to service the highly active offshore oil and gas exploration industry in the Guyana-Suriname Basin

- 91m x 30m wharf platform and 49m x 12m approach trestle from shoreline into Berbice River, capable of accommodating two Platform Supply Vessels or Anchor Handlers simultaneously
- Flood protection of site
- World-class compacted yard at port site, covered warehousing and tubular storage
- Construction of access road and bridges, relocation of utility services
- Full range of services: water, bulk and liquid mud supply, cement, electricity, telecommunications, fuel
- Full range of security services and secure bonded area for controlled customs accountability (fenced and protected)
- Dredging of an access channel and basin alongside wharf, complete shoreline protection
- Full wharf support for offshore drilling
- Administrative offices and customs administration offices
- Workshop and covered warehouse
- Fire protection system
- Completely contained waste management
- Facility targeted to be fully operational by December 2021
- Full indemnification insurance will be procured to protect environment, existing infrastructure, public and client property

# Berbice Deep Water Port Targeted Expansion: December 2021 - December 2025

This targeted expansion will support:

- Oil and Gas operations and production support
- Agricultural export
- Containerized import/export
- Cruise ship docking
- Regional shipping



- GCIE selected this site for its shore-base and port facility based on the following:
  - Berbice River is one of three major rivers in Guyana – 600 kilometres long, and 2.3 kilometres wide at the project location
  - Berbice River channel is currently dredged and maintained at a depth of 8.3m at low water
  - GCIE is located in a sheltered area, 4.8 km from the river mouth, with no hindrances to the open sea
  - The site location is 11 – 13 hours sailing to the Stabroek Block and shorter times to the Corentyne, Kanuku, Orinduik and Demerara Blocks (compared to 2.5 days from Trinidad)
  - There is no congestion and significant land available for expansion contiguous to the site (> 170 acres)
  - Site is well serviced by roads that is connected to the existing highway system
  - Site is located away from environmentally sensitive or residential areas, but easily accessible by abundantly available skilled labour



- In 2010, Guyana Lands and Surveys Commission in its land use planning map for Region 6 list the area for the development of a deep sea port, new airport runway of 1.2km and an industrial park
- The GCIE location can also service import/export of agricultural and other goods which are transported from the landlocked state of Roraima in Brazil, when the Brazil/Guyana road is completed
- A report prepared by the study team of the Ministry of Shipping, Government of India <sup>(1)</sup>, on the construction of a deep sea port in Guyana, also identified the eastern bank of the Berbice River as the preferred location
- Quote from this Report: *“The aforementioned factors strongly suggest need for a deep sea port with a modern container terminal in Guyana. This will greatly improve Guyana’s maritime access, reduce its dependence on transshipment of its cargo at a Caribbean port resulting in savings in freight/handling costs and also help Guyana reap economic benefits from its integration into North East Brazil. The ideal location for this purpose appears to be New Amsterdam near the mouth of Berbice River considering the available channel depth and large tract of available land suitable for multi user terminals with ancillary facilities.”*

<sup>(1)</sup> “Report Of The Study Team On Construction Of Deep Water Port In Berbice River Of Guyana”  
- Prepared by Ministry of Shipping on the Request of Ministry of External Affairs, Government of India (April 2010)

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# Thank You