

## Glossary

**Contractual and Financial Close** —Marks the points where the NetCo or OpCo have fulfilled their respective pre-conditions for their contract with IDA to come into full effect.

**Dark Fibre** - Refers to fibre optic cables that have been deployed but are yet to be in use (in technical terms, “unlit”, hence “dark”).

**Gigabit Passive Optical Network (GPON)** – Describes a technology that allows for a high-capacity single optical fibre to be split in order to serve multiple premises. This “point-to-multipoint” technology minimises the need to lay multiple fibre cables to serve a residential apartment block, for instance.

**Network Company (NetCo)** – The NetCo will design, build and operate the passive infrastructure of the Next Generation National Broadband Network.

**Network Termination Equipment** – A networking device installed by a service provider within an end-user’s premise to provide access to the Next Gen NBN.

**Non-building Address Point** – Means a location in Singapore or connected island other than a physical address.

**Non-residential building** – Means a building that contains one or more non-residential premises but excludes all Housing Development Board apartment blocks regardless of height.

**Open Access** – Means the offer of open access at all segments of the network (both passive under NetCo and active under the OpCo) providing connectivity on a wholesale basis at non-discriminatory and non-exclusive terms.

**Operating Company (OpCo)** - The OpCo is responsible for implementing the active infrastructure of Next Generation National Broadband Network and managing the flow of ultra-high speed broadband traffic on the NetCo’s passive infrastructure.

**Optical Ethernet** – Describes a technology that extends the industry-standard Ethernet protocol beyond use in a small-scale home or office environment into a large-scale Service Provider environment, delivered over optical fibre.

**Retail Service Providers (RSP)** – Means any person providing retail services to end-users using the Next Generation National Broadband Network or any other networks in Singapore

**Universal Service Obligation** – A requirement under the Next Gen NBN NetCo and OpCo Requests for Proposals. NetCo’s USO requires NetCo to meet all requests, from 2013, to install fibre termination points in homes, offices and buildings. OpCo’s USO requires OpCo to meet all requests, from 2013, to activate wholesale bandwidth services over NetCo’s fibre in homes, offices and buildings.

**OpCo’s Wholesale Prices** – These are the prices at which the OpCo will sell its services (eg bandwidth connectivity services) to downstream players, specifically, the Retail Service Providers; these are as oppose to retail prices, which are prices to be charged by retail service providers to end-users.