



TILSON

Town of New Shoreham, Rhode Island

Fiber to the Premises Network

Tilson is currently advising the Town of New Shoreham, Rhode Island, on the design of a universal Fiber to the Home network. New Shoreham is coterminous with Block Island, a very popular summer vacation spot. Internet capacity on the island is very limited, with the only option being either mobile phone tethering or DSL. The maximum speed available is 2 Mbps download, and only in certain parts of the island. While this can work in the off season, when only the island's 500 full time residents are present, DSL and mobile internet become all but unusable during the tourist season, when up to 20,000 people can be on the island.

New Shoreham received a stroke of luck by the construction of the nearby Deepwater Wind Farm, the first offshore wind farm on the US East Coast. As part of that project, National Grid is connecting the island to the mainland power grid for the first time. Their subsea power cable includes fiber for wind farm management, and the Town's management had the foresight to secure the rights to eight strands of fiber on that cable.

New Shoreham has engaged Tilson to guide it through the initial stages of project development, including high- and mid-level cost estimates, business model scoping, financial modeling, and creation of an RFI for finding an internet service provider. Working with the Town, Tilson has created, issued, and managed responses for an RFI to identify a prospective Internet Service Provider partner. Tilson is currently performing a detailed cost estimate for the project, so the Town can seek an all-in-one, "not to exceed" funding vote from the town council. The network is slated to be operational by early 2018.



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