

Scotia Gas Networks – Analysis for gas from Grain LNG

The attached schematic diagram of the South East LDZ provides a representation of the Local Transmission System (LTS) and Intermediate Pressure (IP) networks operated by SGN.

It shows the NTS/LDZ Offtakes at Shorne, Farningham, Tatsfield and the Isle of Grain where gas can enter the LDZ. The Offtake at Winkfield is also shown but this is less likely to receive gas from the Isle of Grain. The degree to which the oxygenated gas could penetrate the network will vary throughout the year with periods of low demand, circa 6mcm/d, producing the highest level of penetration over the whole LDZ, with the exception of the zone of influence from Winkfield. As demand increases the penetration level into the LDZ reduces with the majority of gas being distributed in the London area. This is also very much influenced by the flow out of Grain into the NTS which could influence the whole LDZ or directly into the Distribution network.

However we do not consider that this would have a material impact as:

- We do not have any storage contributing to the supply; and
- The oxygenated gas would be mixed with the lower-content gas, thus dissipating within the network.

