

Biomethane Network Capacity Provision by linking GDN and iGT pipelines

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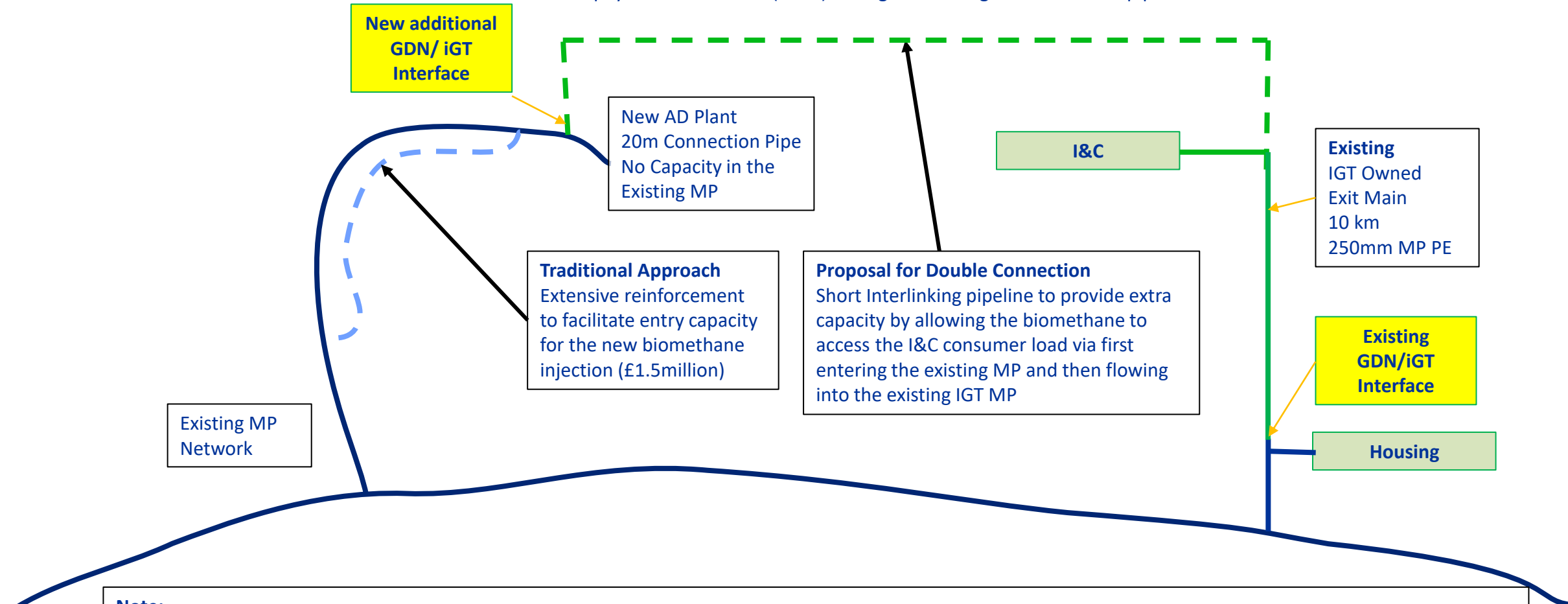
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Proposal – IGT pipeline would be extended and would change from being a ‘single connection’ iGT Connected System to being a ‘double connection’ iGT Connected System i.e. there would be 2 physical connections (ISEPs) linking the existing DN and the IGT pipeline



Note:

Biomethane only enters the GDN network

Biomethane cannot go directly into the IGT pipeline as the IGT does not hold an approved Safety Case for constant gas quality monitoring, flow weighted average CV monitoring , ROV closure and reopening decisions and they say it is not feasible for them to change their business model to allow this

UNC principles

- The proposed arrangement would create a second physical connection (ISEP) linking the DN and IGT, creating a **double connected** IGT System
 - We have been told by an IGT that there already are such connections
 - Physical gas could flow from the IGT System back to the DNO System, but this is already possible at the existing ‘double connected’ Systems (given no valves and linepack/flows)
- A Non-Return Valve arrangement could be incorporated to prevent flow back into the DNO System, but is such an arrangement necessary? Do DNO System extension equivalents incorporate such arrangements?
- We understand that there is no specific UNC or IGT-UNC text preventing such an arrangement, but there is no wording specifically enabling it
 - The IGT we spoke to does not believe that their double connected systems breach UNC
 - Note: situations where the IGT Connected System links two different Exit Zones (billing zones) are prohibited, but that is not the case here
- The DNO and IGT have Safety Cases, and under these, a Duty to Co-operate
 - This could include advice in relation to maintenance of the I&C Consumer which may reduce flow from the interconnection pipeline. Such an arrangement would be separate from UNC commercial arrangements, instead being in an operator to operator bilateral (e.g. NEA or NExA)
- CSL is trying to understand if the double connected systems are not allowed in which case a UNC Mod may be required to regularise them and at the same time facilitate the arrangement required to support a biomethane project and avoid £1.5 million reinforcement
- Note – the ongoing UNC Modification proposal 808 only applies where there is reverse compression so cannot be applied here