



**ETELÄ-KARJALAN JÄTEHUOLTO OY DRY DIGESTION FACILITY  
AND BIOGAS UPGRADING AND FILLING STATION DESIGN AS A  
TURNKEY-CONTRACT**

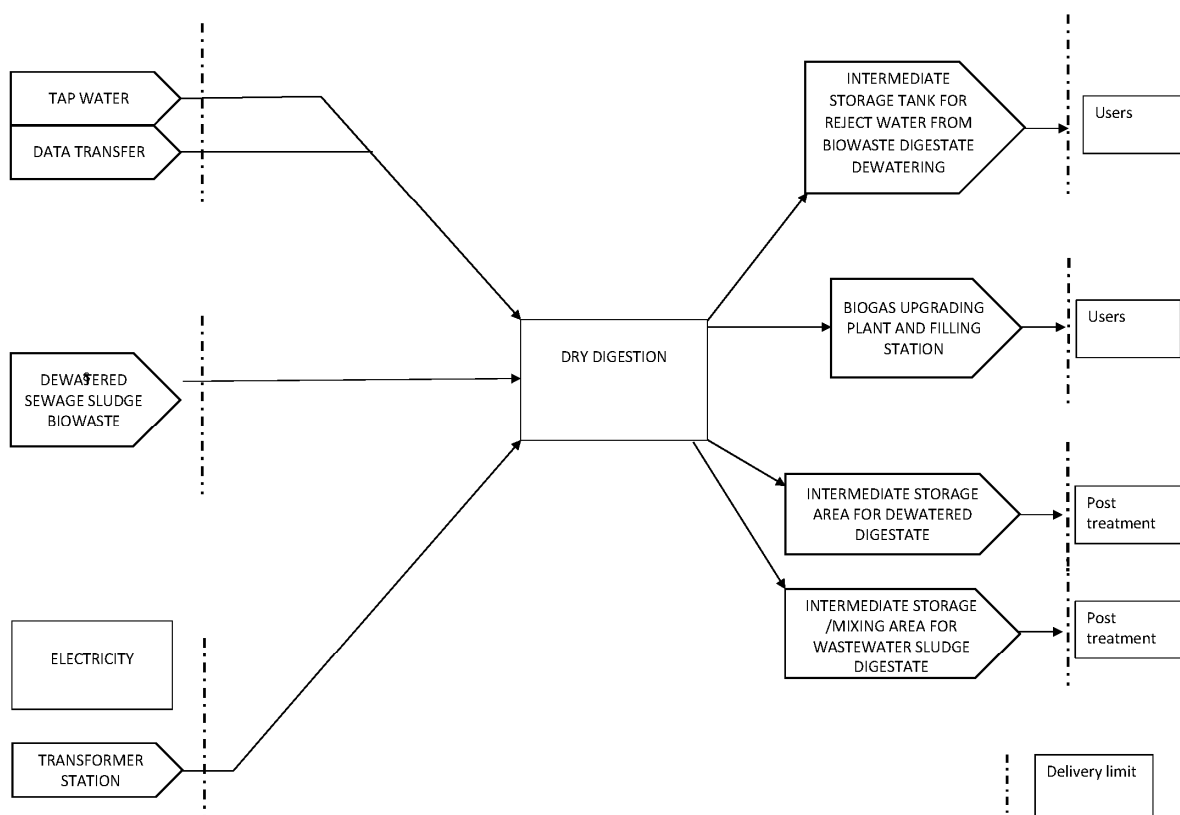
**CONTRACT LIMITS**

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## CONTRACT LIMITS

The chart below shows the construction procurements and contract limits between the purchaser and contractor.



The purchaser shall at own cost deliver a connection well with a valve for the supply of water. The connection well is in the location indicated by the preliminary site plan. The water pipe is 65 mm PN10. The water delivery pressure is typically low (< 3 bar), so the contractor must be prepared to store the tap water and provide separate pressure station for the plant operations.

The purchaser shall at own cost deliver a data cable for a data connection through an installation well, to the location indicated by the preliminary site plan.

The purchaser shall at own cost deliver sewage sludge and bio-waste to the dry digestion facility for provisioning and guarantee runs.

The purchaser shall at own cost build a new transformer substation to the waste management area. The location of the substation is shown in the preliminary site plan. In order to determine the substation's capacity, the contractor shall provide information of own requirements no later than when the contract is signed.

The purchaser shall at own cost receive the wastewater from the dry digestion facility, when the concentrations of specified pollutants are within the specified limits. Wastewater is expected to be sanitary water from control building, washing waters that are conducted to the borderline via sand- and oil separation wells and areal waters.

The purchaser shall point a construction site for the biogas filling station. Filling station is separated from the actual digestion facility and accessible from public road. It is contractor's decision to locate the biogas



upgrading station and to determine the gas delivery from biogas plant to the filling station. The preliminary position is the filling station is shown on the site plan.

The purchaser shall receive a dewatered biowaste digestate in the storage area. The digestate from wastewater sludge treatment line is delivered to outdoor silo, where it is mixed with peat or similar supporting dry material to increase the dryness to above 25 % TS.