



## Market-wide Half-Hourly Settlement (MHHS) Programme 101 Guide: DNOs & IDNOs

### How Distribution Network Operators (DNO) & Independent Distribution Network Operators (IDNO) operations change

#### Services, systems & processes

The following services, supporting systems and processes specific to DNOs and IDNOs will be impacted by MHHS:

- Registration Services such as the existing Supplier Meter Registration Service (SMRS) that maintains registration data for settlement purposes.
- Their role as an Unmetered Supplies Operator (UMSO).
- Distribution Use of System (DUoS) invoicing, DUoS data volumes and access to Elexon Central Systems DUoS billing data.

#### Considerations on the wider distribution network business

There are significant impacts to Data Transfer Network (DTN) flows, with some removed, some retained, and some structures amended.

DNOs should consider:



How half-hourly (HH) data will be used for domestic and small business supplier DUoS billing and settlements.



If existing data items are identified as no longer required for settlement, but they may be required for other purposes such as identifying specific features of a customer or site.



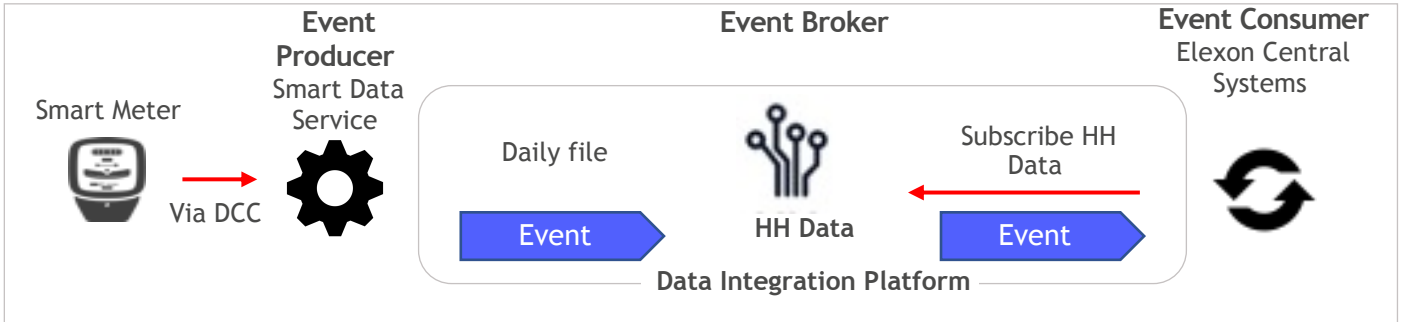
The network impact of increased use of Time of Use (ToU) tariffs, particularly where the new arrangements create a demand surge.

#### Data exchange and volumes

The MHHS Programme, on behalf of the energy industry, is procuring a new **Event Driven Architecture (EDA) technology platform**, known as the Data Integration Platform (DIP). Business processes that support the activity of the Registration Services and DUoS billing services will interact through defined interfaces and messaging patterns, illustrated below. The DIP will not replace all existing Data Transfer Network (DTN) data flows. Therefore, the DTN will continue to be supported alongside the DIP.



This new platform will be developed to be capable of scaling to process high volumes of messages in a timely manner. Once the EDA technology has been implemented for Settlements it can be extended to include other industry processes. Access to high quality, well-governed data will be critical to network operators, generators, suppliers, and end-consumers.



### Target Operating Model (TOM) representation

The below diagram shows a visual representation of the new MHHS TOM.

