

Microgrid Network.

A microgrid network:

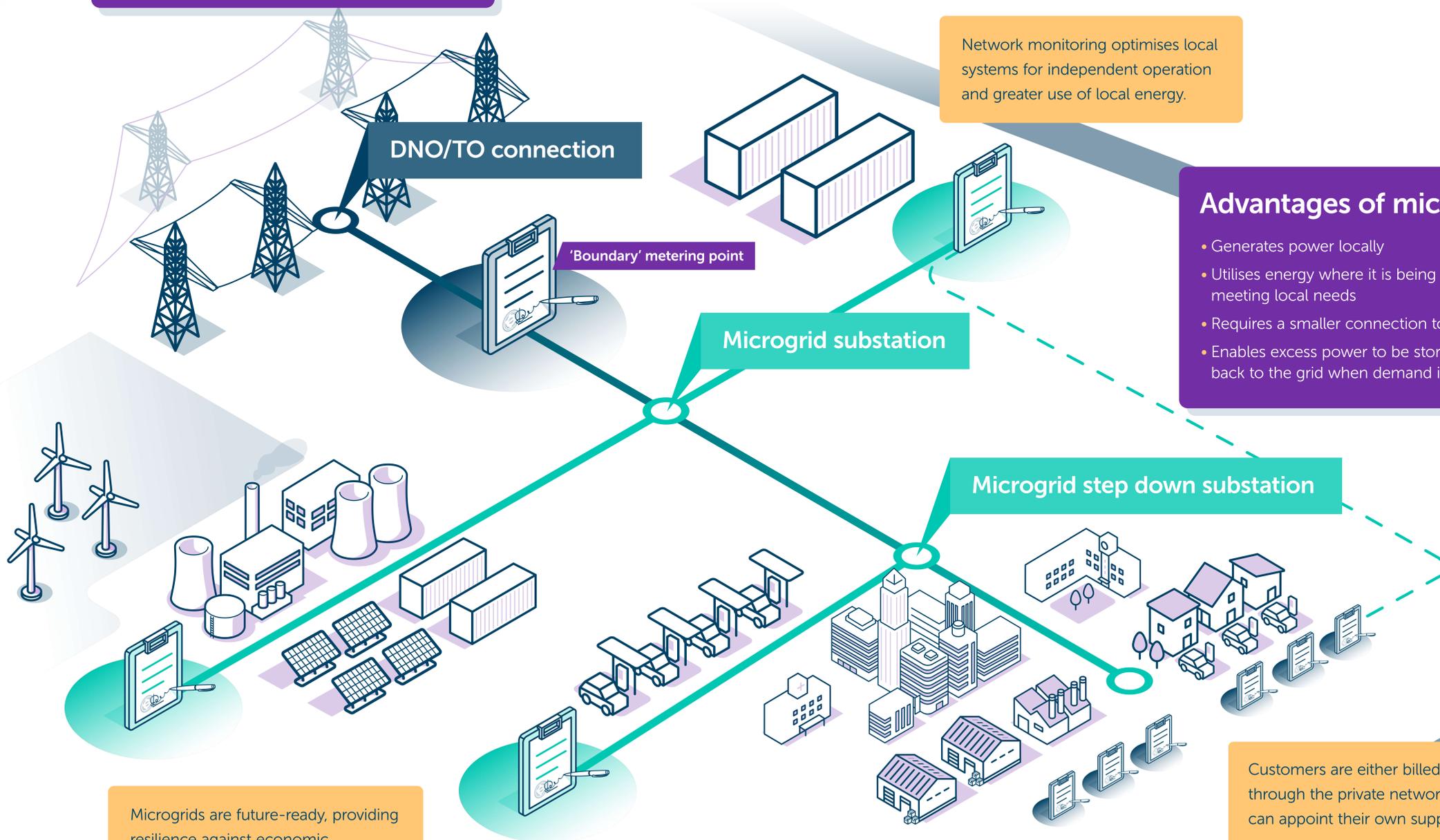
- Set up of GridCo/ESCo simplifies the energy infrastructure management
- We manage the network adoption, operation and maintenance
- Uses network management systems to monitor and control the microgrid in real time and optimise grid performance

Storage manages generation peaks by storing excess energy and releasing it when needed, balancing demand and responding to issues beyond the connection point.

Network monitoring optimises local systems for independent operation and greater use of local energy.

Advantages of microgrids:

- Generates power locally
- Utilises energy where it is being generated, meeting local needs
- Requires a smaller connection to the National Grid
- Enables excess power to be stored and exported back to the grid when demand is high



Microgrids are future-ready, providing resilience against economic fluctuations and ensuring stable, cost-effective energy by reducing reliance on central networks.

Customers are either billed through the private network or can appoint their own supplier.

Customer benefits of a microgrid:

- Ensures a reliable power supply by operating independently
- Reduces energy costs through utilising on site generation and storage
- Optimised energy management
- Smarter, more efficient use of energy while maintaining resilience and future proofed infrastructure