

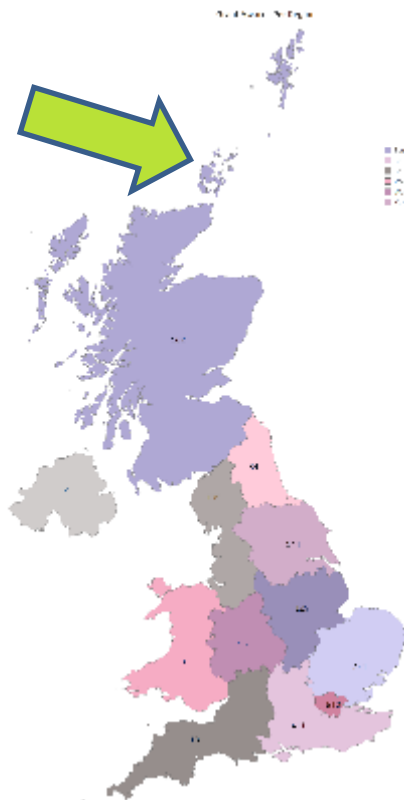


# Orkney:

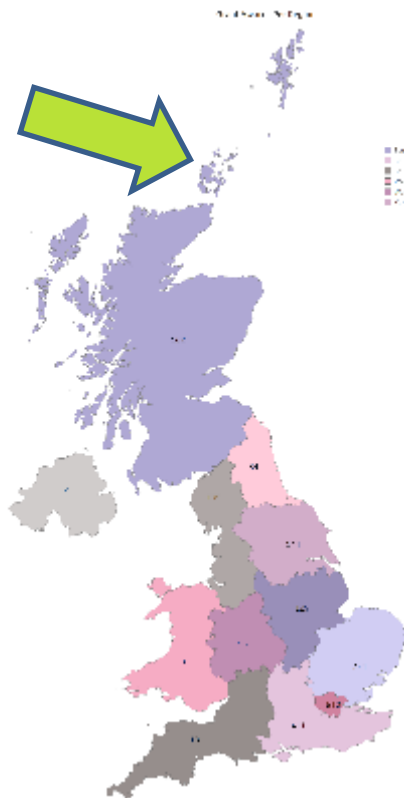
Pushing decarbonisation from the edge.

Neil Kermode  
Managing Director

# Orkney



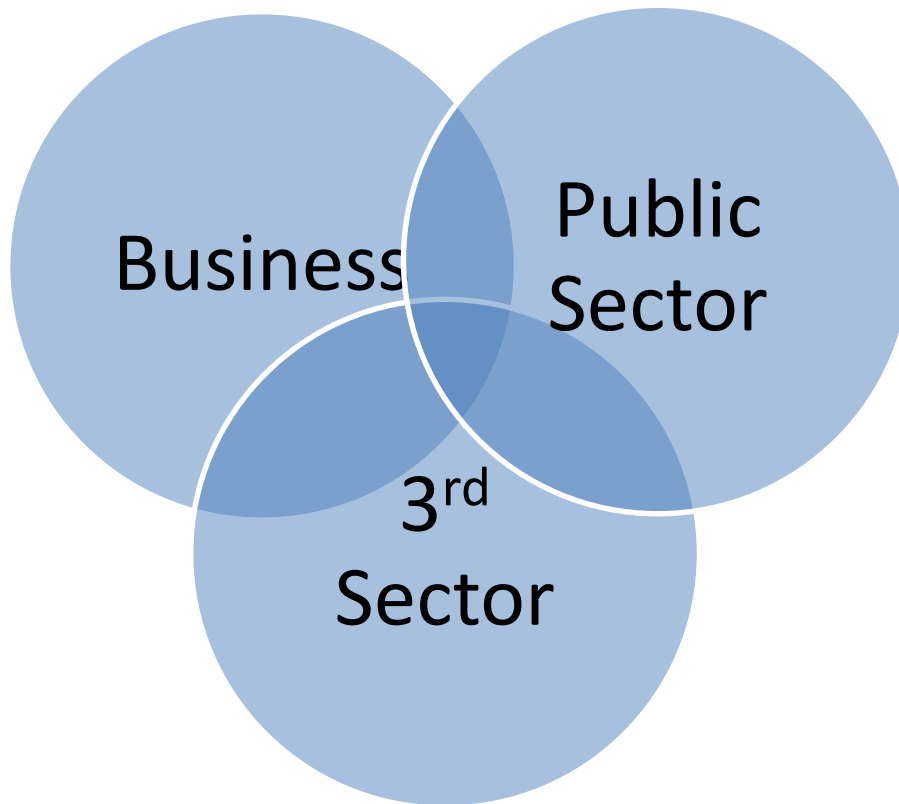
# Orkney



# Marine Energy Progress



# How Orkney works

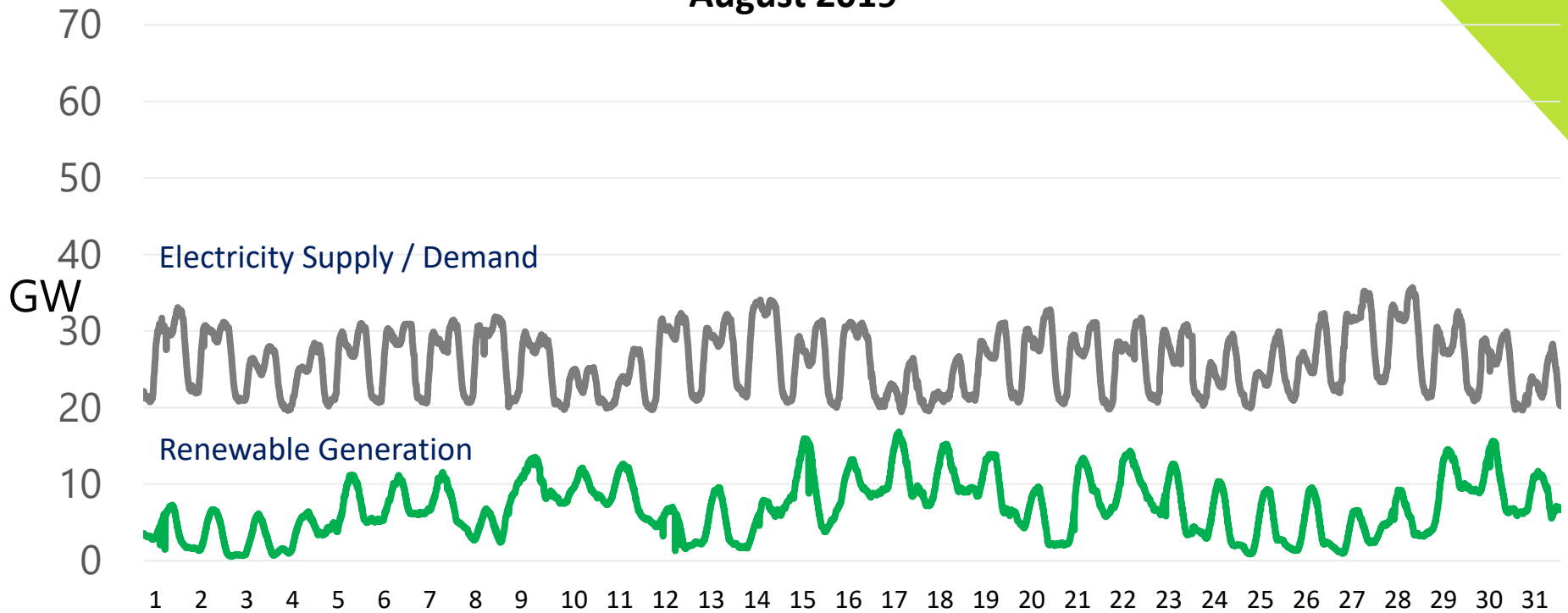


+ Arts, crafts, agriculture, tourism, finance, retail

Internal Use

# UK electricity system - today

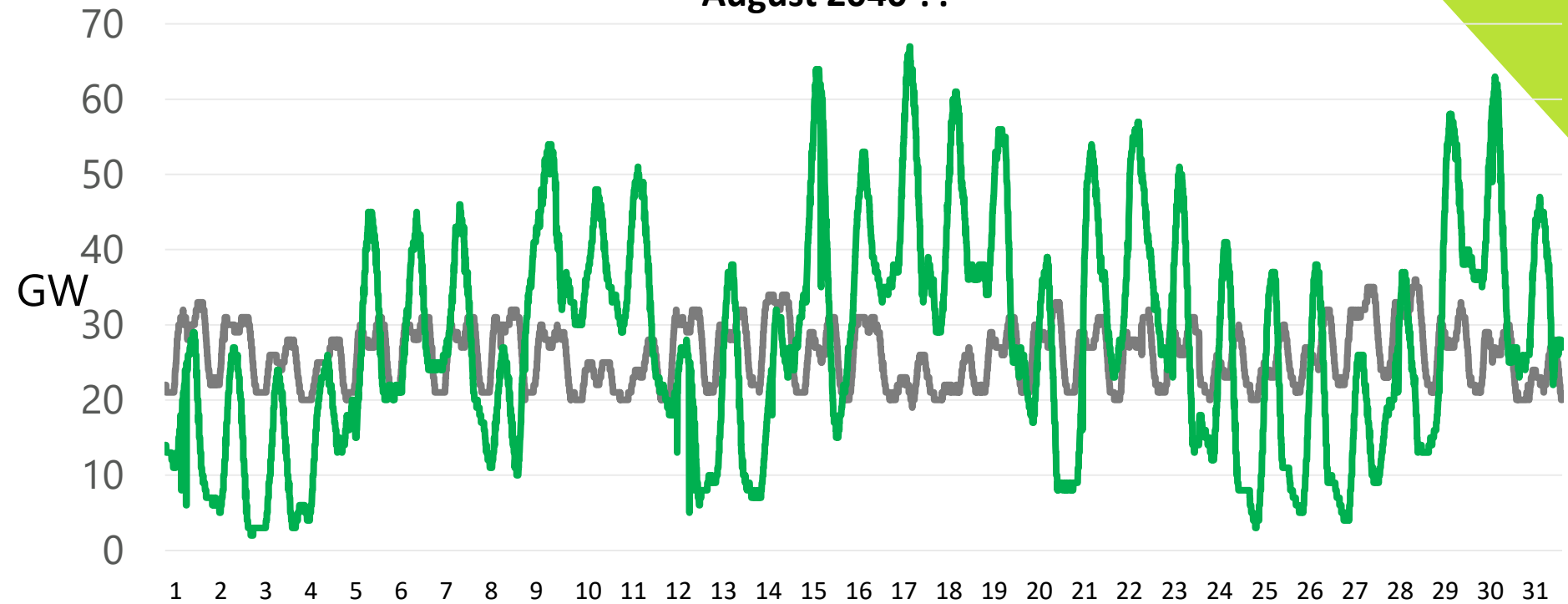
August 2019



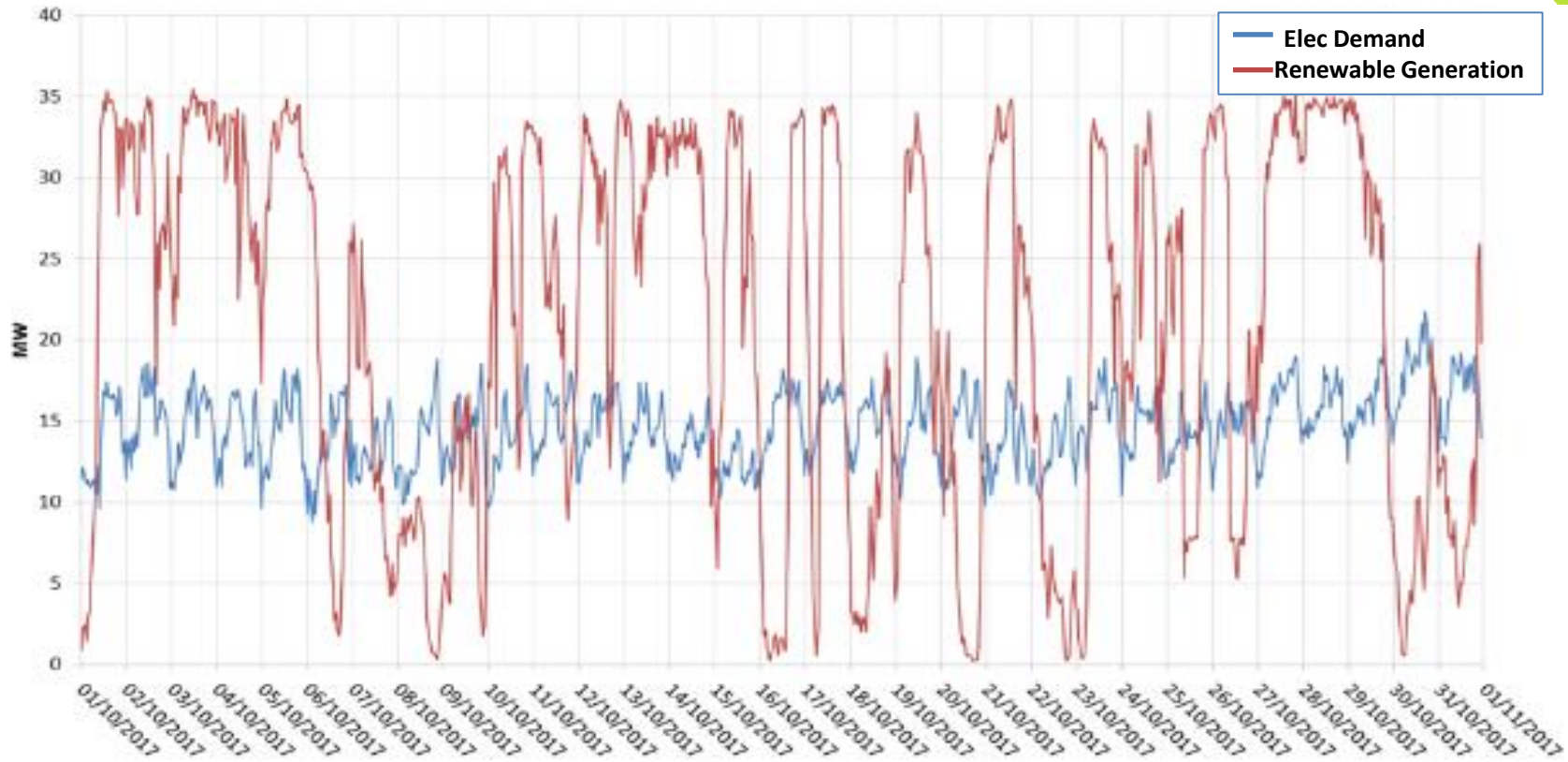
# UK electricity system – 2040

## (4x current renewables)

August 2040 ??

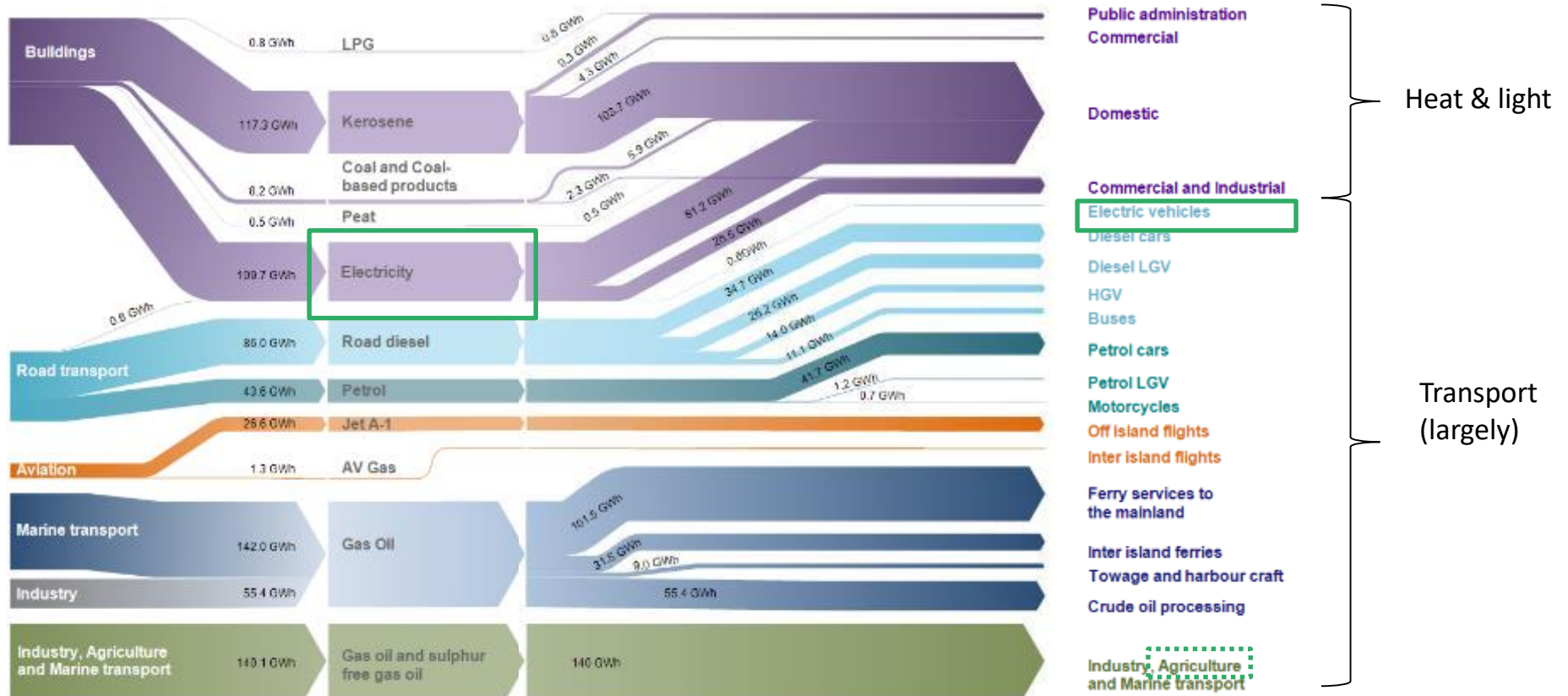


# Orkney electricity system – today



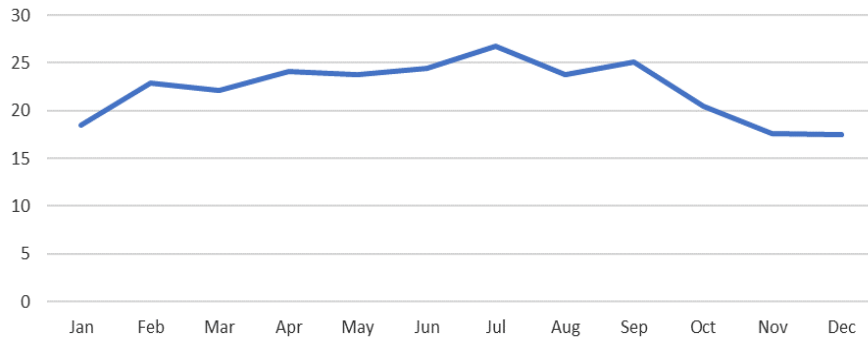


# Orkney Energy 2019

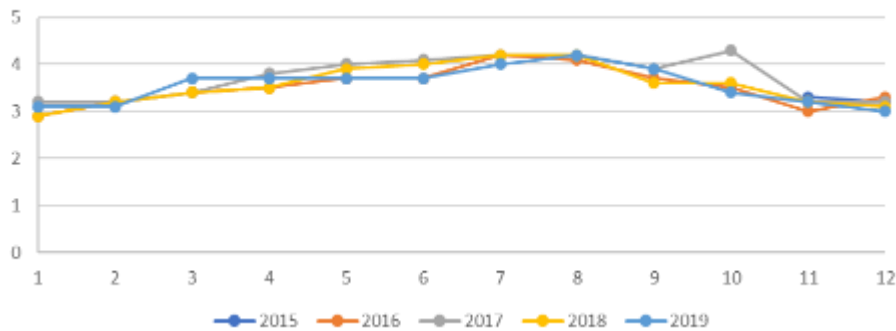


# EV knowledge

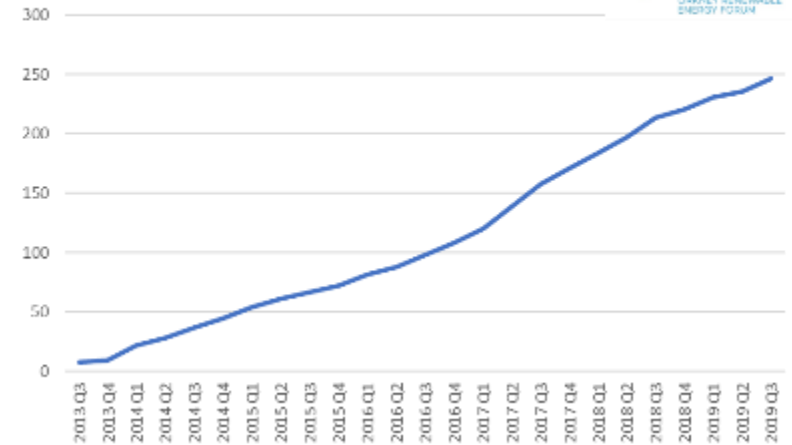
Average daily EV mileages travelled per month in 2017



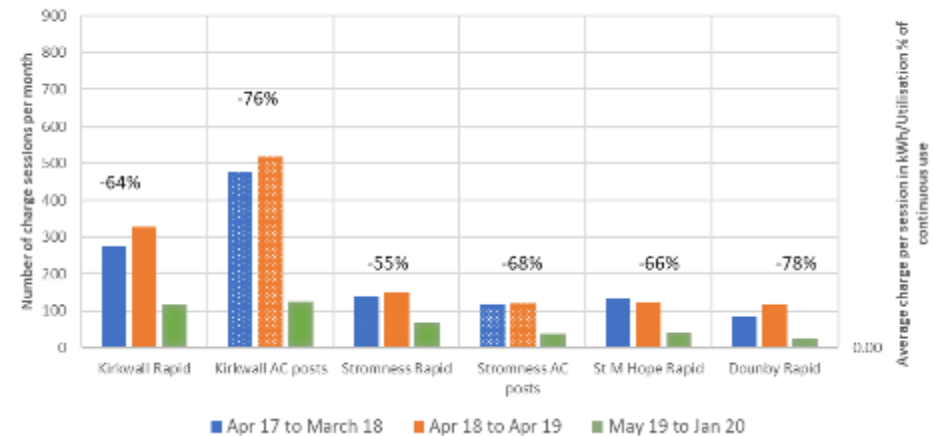
Miles/kWh



EVs registered in Orkney  
DVI A Stats VFH0131



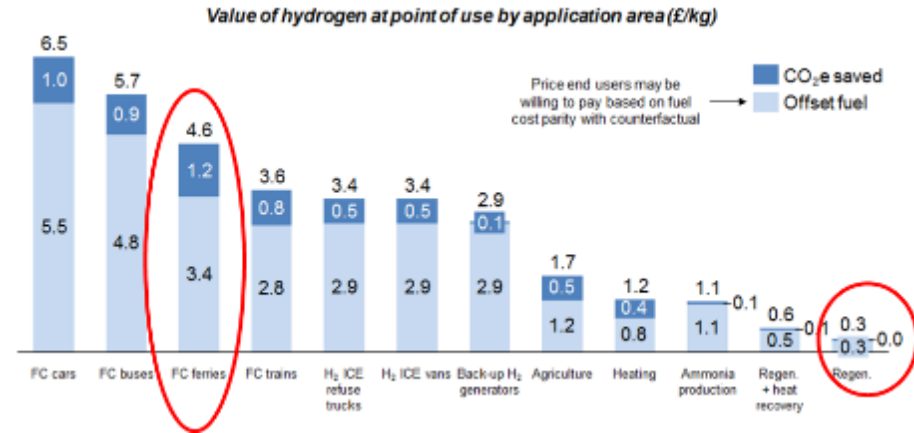
ORKNEY PUBLIC CHARGER - CHANGES IN USE - FEES INTRODUCED  
6TH MAY 2019



# Hydrogen knowledge



Production



Value



Storage and transport



Supply

# Impact

- Learning by doing
- Creating pre commercial knowledge
- Practical demonstration
- Progress towards Net Zero on land, sea and air

