

transition

network

innovation

DNO

DSO

economical

smart

stakeholders

customers

energy storage

system operator

renewables

efficient

flexible

transmission

domestic

performance

energy

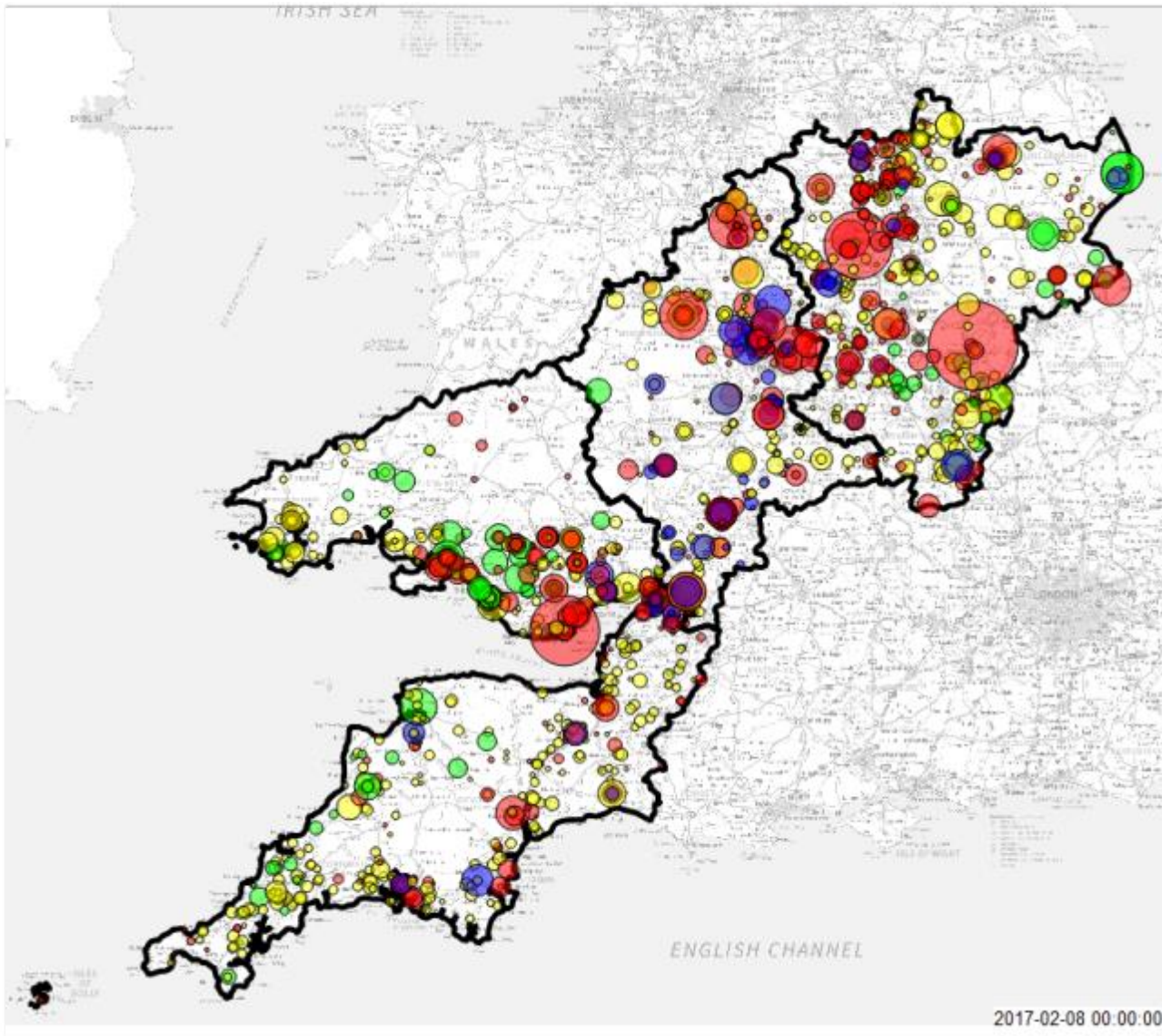
strategy







Local Energy Governance roundtable – 28.11.18
Ben Godfrey
Network Strategy Team Manager



EMBEDDED GENERATION TODAY



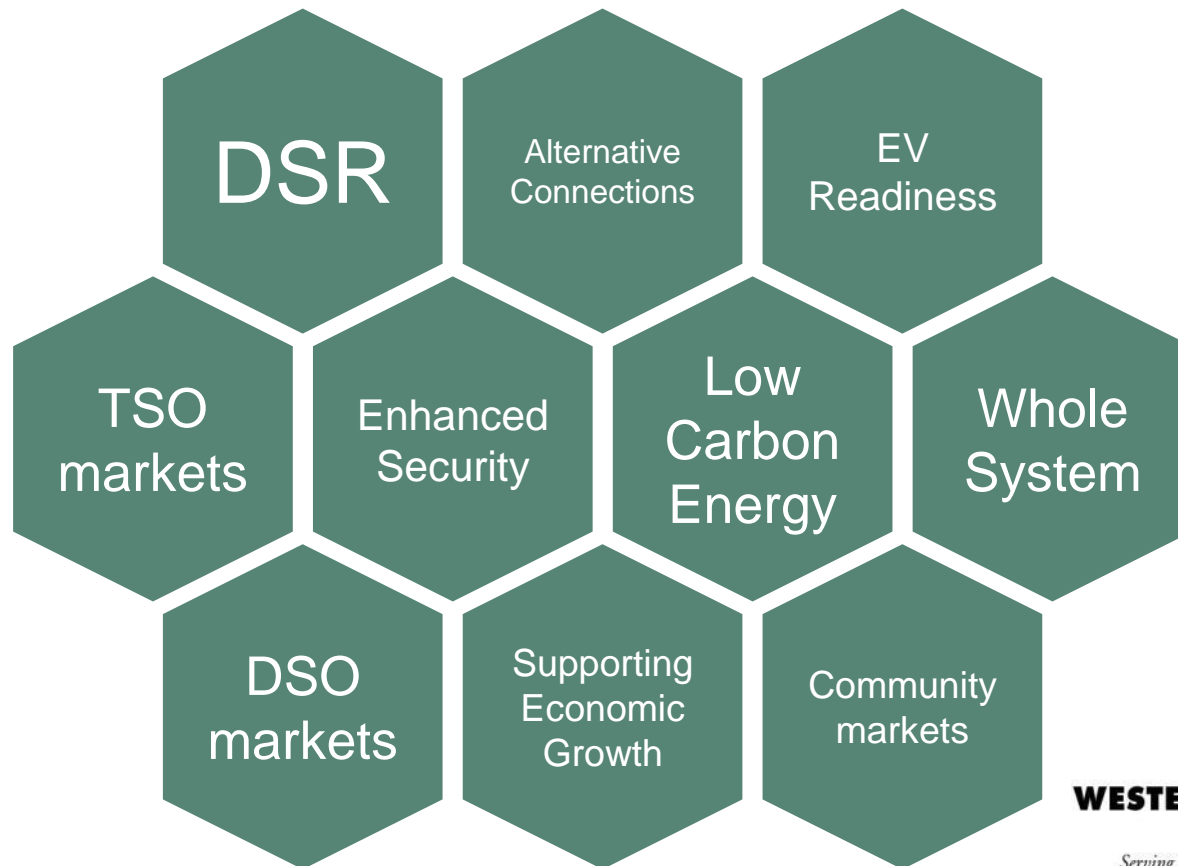
Within ten years, embedded generation has come to dominate the peak power flows on distribution networks

-  Solar Photovoltaic
-  Wind
-  Energy Storage
-  Other

FLEXIBILITY WILL DRIVE CHANGES

Traditional DNO operations would require very substantial investments in passive grid infrastructure, which would be underutilised much of the time

A smarter, more flexible energy system will enable customers to be able to actively participate in new flexibility markets through a variety of pathways.



FLEXIBILITY CAN EMPOWER LOCALISM

The value of flexibility will be greatest at the lowest voltages and the deployment of those technologies will be driven by consumers.

Local actors will heavily influence the extent to which these technologies are deployed and commercialised

