

A decorative graphic on the left side of the slide consists of a network of light blue lines and small circles, resembling a circuit board or a stylized tree structure, extending from the top to the bottom of the frame.

REGIONAL ENERGY STRATEGIC PLANS AND KENT'S ENERGY NEEDS

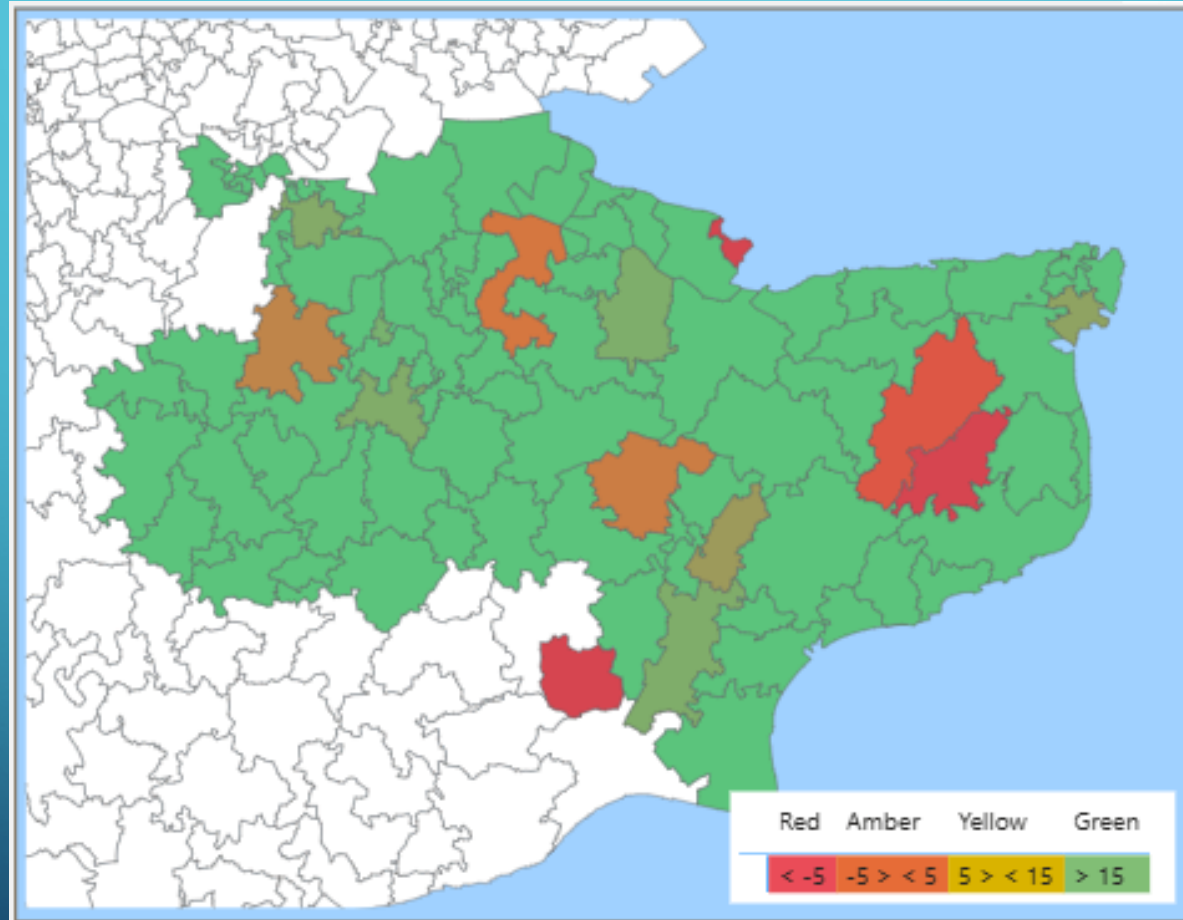
TOM HENDERSON

ENERGY SYSTEM TRANSFORMATION

- Electricity demand will increase 50% by 2035 nationally
- Port of Dover, data centres, desalination plants, hydrogen plants and Ashford truck stop for HGVs all expected to significantly increase electricity demand in Kent

Technology	2025	2030	2035
Domestic HP	11 919	48 900	120 326
EVs (cars)	23 294	51 982	77 829
Evs (vans)	2 176	21 591	53 225

CURRENT HEADROOM ON KENT'S GRID



REGIONAL ENERGY STRATEGIC PLANS (RESPS)

“The purpose of the RESPs will be to support coordinated development of the energy distribution system and enable long-term investment to be made with confidence and ahead of need”.

- Model supply and demand
- Select cost-effective and strategic investments
- Regional governance arrangements and strategic boards
- Start in January 2028

KCC has worked with NESO to refine the RESP proposals which we have, to this point, supported.

TRANSITIONAL RESP

- Run from January 2026 to December 2027
- Institutional arrangements and organisational capacity not sufficient for full RESP, but urgency for action.
- More top down – RFI for strategic investment needs.
- Draft outputs released last month – explicitly no inclusion of KCC submissions, lack of transparency, incomplete data.

