

Uk2zero Conference Energy Resolution 2022

Conference notes:

- April 1st saw a 54% , £700, fuel bill increase - 6.5 million households in fuel poverty;
- OFGEM predict another 32%, £600 Oct 1st rise, doubling prices in 12 months;
- 2021 global carbon emissions were the highest ever;
- Carbonisation-led extreme weather events disrupt electricity supply; when wind slows, reserve coal-fired power plants activate and coal imports soar.
- Heating accounts for 50% of energy demand.

Conference believes:

- UK needs secure, affordable carbon-free energy urgently;
- Local renewable energy can deliver on security, price, carbon reduction;
- It can empower people and level-up localities.

Conference demands the executive campaigns to:

- support a Local Electricity Bill to enable Community Energy development;
- retrofit older properties with sustainable or living green cladding;
- install heat-recovery ventilation systems;
- maximise waste-heat distribution from disused coal or underground train tunnels, sewers, rivers, canals, lakes, electricity transmitters, incinerators, institutions etc;
- expand District Heating schemes to provide maximum heating energy at low prices;
- deploy local resources for local solutions, using solar, wind, geothermal (deep-drilled, granite and limestone karst etc), non-recyclable waste combined heat and power (CHP), and marine electricity generation;

- encourage waste heat to power (WTP) and low carbon industrial-waste biomass power from/for hi-energy industry, commerce and institutions;
- introduce a comprehensive programme of rooftop solar and small-scale wind power installations;
- fund urgent R & D into sewerage biomass, liquified wood fuel production, sustainable and just energy storage;
- develop local, interconnected power grids.