## Pelectricity

Bringing energy to your door

書圖重合書

# DSO Forecasting: one version of the truth with multiple uses

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#### One version of the truth, multiple uses







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Our ATLAS forecasting methodology allows us to produce long term forecasts and identify when we may potentially require flexible services.



#### Long term forecasting





### Distribution Future Electricity Scenarios (DFES) and decision making



- Electricity North West used four demand & generation scenarios and a Central Outlook in DFES 2019. Each scenario driven by different financial and green future factors.
- Investment decisions mainly informed using Central Outlook → average/central assumptions, not least worst regret decisions, but with average/central risk.
- Real Options Costs & Benefits Analysis (ROCBA) tool → optimal solution from the comparison of financial results and risks using all scenarios and Central Outlook.

DFES 2019 document & workbook





- Supporting standardisation with other DNOs in the DFES (scenario framework based on approved by Ofgem for the ESO FES, common DFES outputs).
- Two net zero carbon scenarios meeting net zero carbon by 2050, one before 2050 and one not meeting the target.
- Framework still allowing the use of a Central Outlook scenario using average/central assumptions across all scenarios.