



Energy Flexibility Payments: Are You Getting Yours?

Ways for food and drink manufacturers to reduce the cost of powering their business while supporting a greener electricity grid.



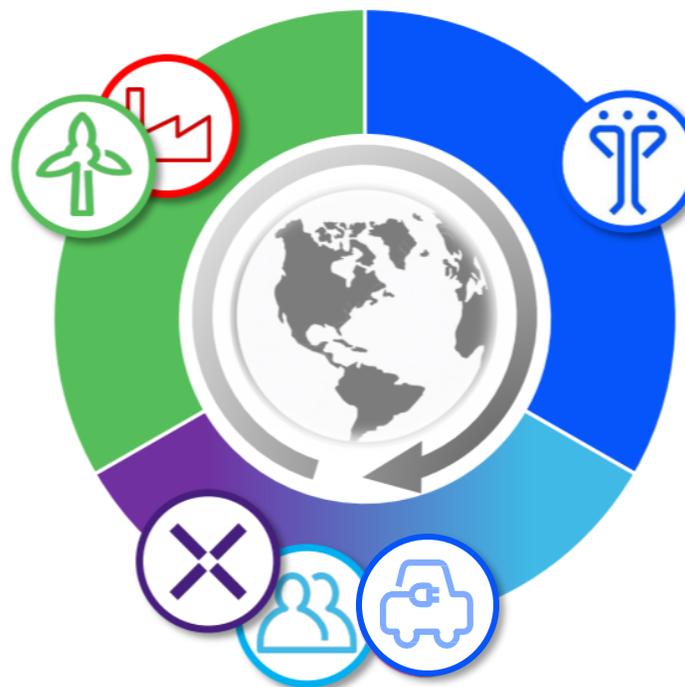
Enel X is part of the Enel Group

Global leaders in flexibility and sustainable energy solutions



**Enel Green Power &
Thermal Generation**
59GW installed capacity

Enel X Global Retail
9GW Demand Response



**Global Infrastructure &
Networks**

73 million end users

**Global Energy &
Commodity Management**

67 million customers

Global e-Mobility

25,000 EV charge points



Security

Is my business continuity at risk should there be a significant change to my energy supply?



Affordability

Will increasing energy costs prevent me from offering my products or services at a competitive price?



Green

Can my business deliver on its green commitments to the board, shareholders, employees and customers?

Creating energy flexibility

Understanding your own flexibility



Demand-side flexibility is a controlled change in power consumption by an electric utility customer to better match the available supply.

Flexible energy assets

Energy intensive processes in food and drink manufacturing



Milling and Grinding



Refrigeration and Freezing



Cooking and Baking



Drying



Extrusion



Packaging



Bottling and Canning



Evaporation



Compression



Flexible energy assets (generation)

Unlocking energy flexibility from your existing energy infrastructure



SOLAR



CHP



BACK-UP GEN SETS



BESS

Participation is possible for single or multiple sites

How it works

Energy flexibility in action



Enel X enrolls your spare MWs into the Capacity Market.

Should a grid emergency occur, activate your energy reduction plan.

Temporarily reducing demand helps prevent blackouts and stabilises the grid.

Get paid for your support.

Capacity Market Earning Potential

Manufacturing scenarios



SCENARIO

A

- 6MW CHP
- Single site
- 5-year contract



> Average annual revenue: £271K

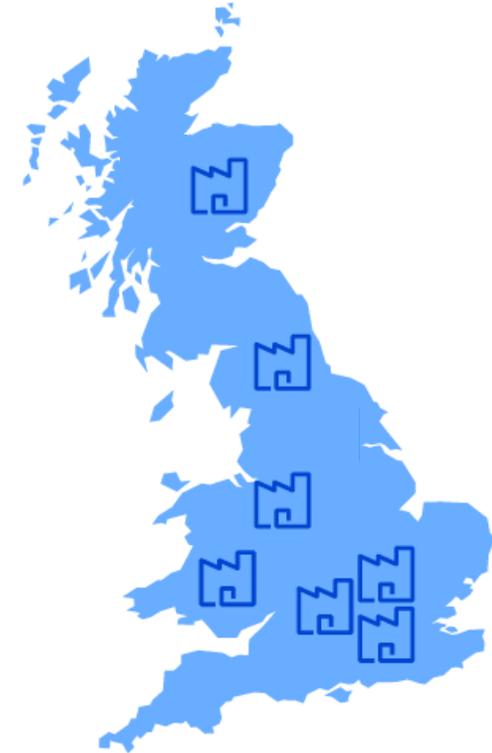
Gross total revenue over 5-year term:

£1.35M

SCENARIO

B

- 10MW aggregated load reduction
- Multiple sites
- 5-year contract



> Average annual revenue: £352K

Gross total revenue over 5-year term:

£1.76M

In the right market at the right time

We take the complexity out of your decision making



CAPACITY MARKET

Capacity market

Demand Flexibility Service

ANCILLARY SERVICES

Frequency response

Reserve services

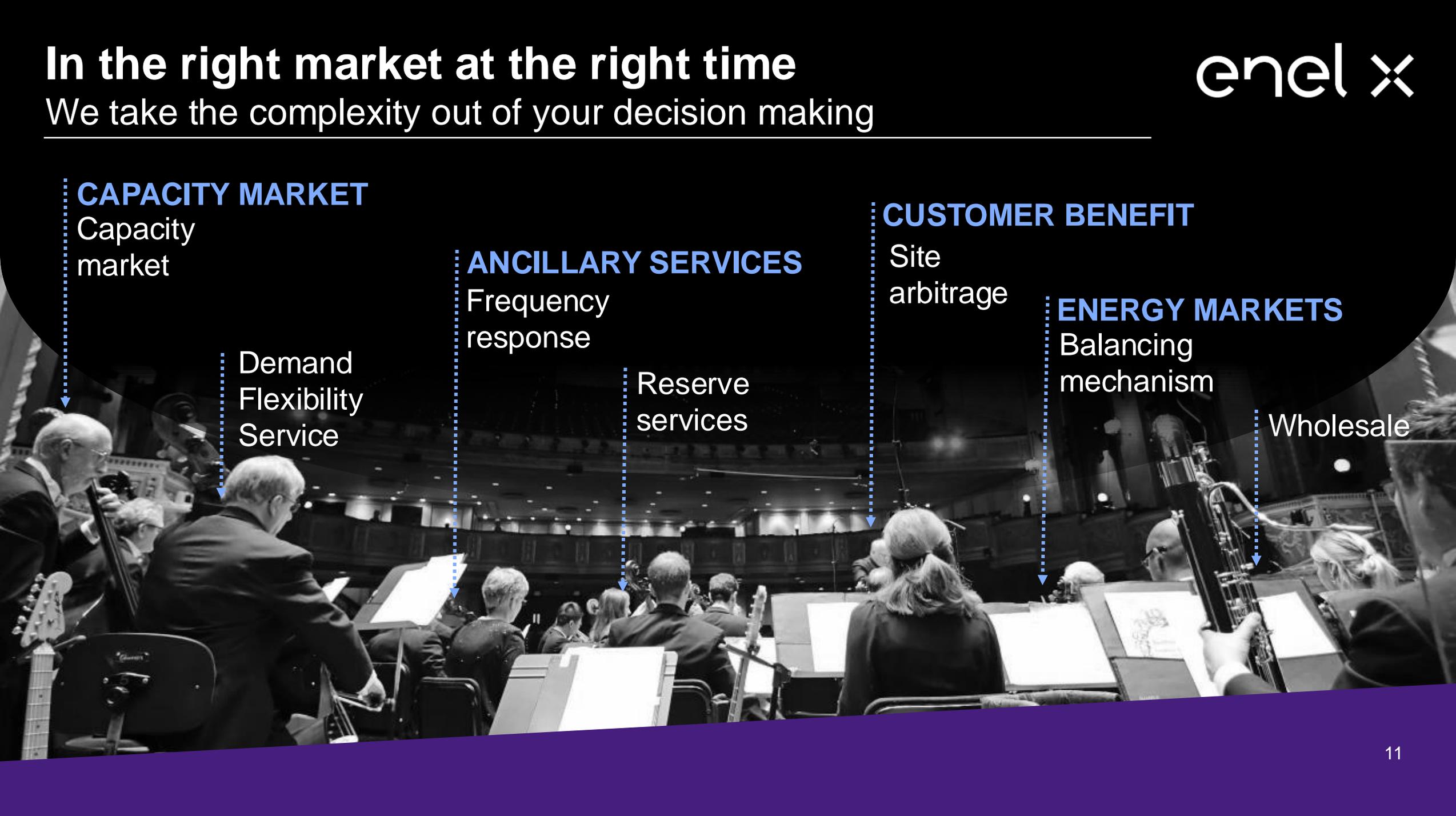
CUSTOMER BENEFIT

Site arbitrage

ENERGY MARKETS

Balancing mechanism

Wholesale



The Energy ~~Trilemma~~ opportunity

Benefits of Energy Flexibility Programmes



Security

Reduce your exposure to the impact of power cuts



Affordability

Generate new revenue from flexibility programme payments



Green

Contribute to decarbonisation by participating in flexibility programmes and more renewable energy on the grid

Risk Management

Resiliency

Revenue Generation

Cost Reduction

Achieve green commitments

Q&A



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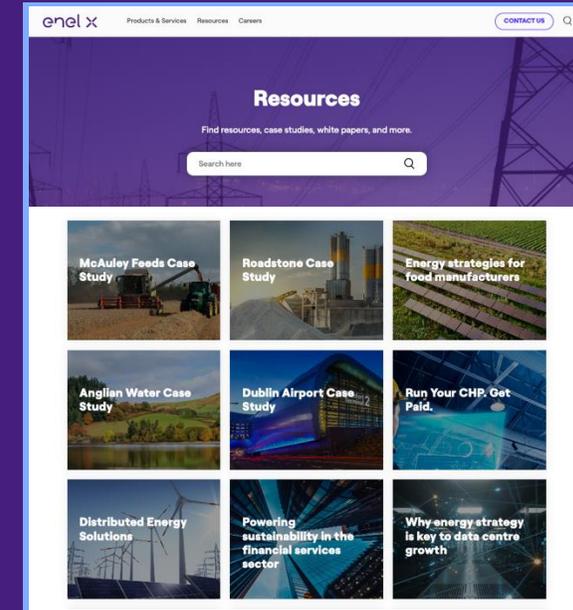


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Resources

Case studies & white papers

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