

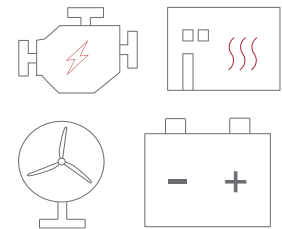
HELP BALANCING THE ELECTRICITY GRID WHILE EARNING MONEY

With knowledge and technology from the Energi Danmark Group, your company can earn extra money meanwhile contributing to the green transition. You do this by providing flexibility to the grid opting for a sustainable energy system.

Demand Response is about adjusting the electricity consumption during peak periods in the grid – e.g. when the wind turbines produce more power than we can consume or when it is suddenly calm weather.

If your company has an electricity consumption which sometimes can be adjusted, you receive payment from the Energi Danmark Group to be available with your flexibility. By this, you contribute to a cost-effective and safe integration of renewable energy in the electricity grid.

We easily and effectively manage flexible assets and make your flexibility available as a balancing reserve in the electricity market. By utilizing innovative technology and advanced hardware and software, we create additional value for our customers and a green future for society.



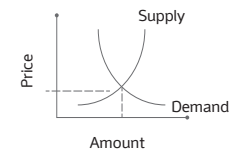
Electricity customers with flexible assets



Balance between consumption and production



We provide market access to the customer and we make sure that the flexibility benefits the customer as much as possible.



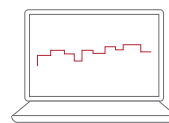
The price signals from the market give incentive to activate flexible consumption/production

Why should you participate?

Extra income by minimum effort



Real-time surveillance of your energy consumption



Reduction in your carbon emission



No disturbance of your core business

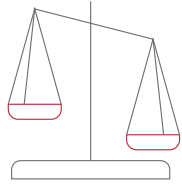


Active contribution to the green transition



MANUAL RESERVES

Manual reserves – also called regulation power – is a reserve that the Danish TSO Energinet uses to recreate the balance between consumption and production when an outage/a sudden event has had a negative influence on the frequency and the balance in the grid. The manual reserves are activated manually with a signal from Energinet, and the consumptions units must deliver the effect within 15 minutes.



An event creates an unbalance between consumption and production.



ENERGINET

activates reserves to recreate the balance.



receives a signal and sends out to relevant customers.

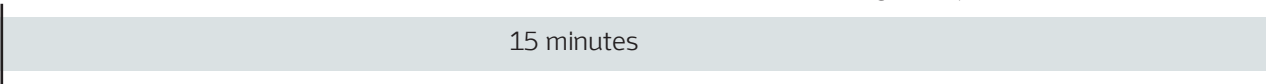


The customer accepts or rejects the activation*



Consumption units starts or stops.

* Can happen automatically or via e.g. BMS systems



Requirements and gains by participating

Availability	Events	Response time	Duration	Gain
07:00-13:00 14:00-22:00	Up to 15 per year	15 minutes	30-60 minutes	Up to 300,000 DKK/MW**

**Provided you win all auctions. Largest gain on DK2. Based on 2017 numbers.



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