

# TEAMWISE

## BALANCING POWER



### Your contribution to a stable grid

- Injection and consumption of electricity need to be balanced 24/7.
- To guarantee this Elia contracts reserve power, which can also be provided from the distribution grid.
- If you can flexibly manage your consumption or local generation, Elia is willing to remunerate you for this service.
- TeamWise can help you overcome technical, administrative and financial barriers to help you create value from your flexibility.

### Flexibility

Create value without production losses

### Analysis

of your possibilities on the energy market

### Professionality

At your service 24/7

#### ☒ Experience

Years of experience in the energy market allow us to identify the best potential for your assets. TeamWise offers a wide range of solutions, that go beyond Elia's reserve market.

#### ☒ Expertise

Technical expertise about electrical installations and their use, so we can offer turn-key solutions.

#### ☒ Possibility to finance

We can finance potential modifications to your installations, to make them (more) flexible, so you don't have to free any budget for this yourself.

# TeaMWISE can offer the following reserve products:

## R3 - mFRR

Tertiary reserves, or manual frequency restoration reserves, are activated ad hoc at Elia's request. TeaMWISE can provide a fully automated solution.

The requested power must be fully available within 15 minutes, by reducing the consumption or increasing the injection.

Elia pays a remuneration for the reservation of the capacity (not for BidLadder) and for the activated energy (as of Q4-2018).

### *R3 Flex*

- Reservation on a monthly basis
- An activation can last maximum 2 hours
- Minimum 12 hours between activations
- Maximum 8 activations per month (much less in practice)

### *R3 Standard*

- Reservation on a monthly basis
- Maximum 8 hours of activation per day

### *R3 Non-reserved (BidLadder)*

- Non-reserved capacity, offered per quarter-hour
- Remuneration for the activated energy only
- Increasing consumption or decreasing injection also possible

TeaMWISE translates these Elia standards into a product that suits your needs, to optimize your financial return while maximising your industrial comfort level.

## R1 - FCR

Primary reserves, or frequency containment reserves, are activated automatically based on real-time deviations of the grid frequency.

The power to deliver has a linear relation with frequency deviation from the desired 50 Hz.

The requested power must be fully available within 30 seconds.

In case of limited energy content, full power needs to be available for 25-30 minutes.

Elia pays a remuneration for the reservation of the capacity.

### *R1 Sym 200 mHz*

- Frequency increase (decrease): reduce (increase) generation or increase (decrease) consumption
- Full power delivered at +/-200 mHz deviation within 30 seconds
- 50% power delivered at +/- 100 mHz deviation within 15 seconds

### *R1 Sym 100 mHz*

- Frequency increase (decrease): reduce (increase) generation or increase (decrease) consumption
- Full power delivered at +/-100 mHz deviation within 15 seconds

### *R1 Up*

- Frequency decrease: increase generation, decrease consumption
- Start at -100 mHz, full power at -200 mHz
- In practice: activation required only a few minutes per month

### *R1 Down*

- Frequency increase: decrease generation, increase consumption
- Start at +100 mHz, full power at +200 mHz
- In practice: activation required only a few minutes per month