From the lowest price to security of supply

THE NEW REALITY

Planning under attack

- The N-1 criterion cannot always be guaranteed
- Regions may run as islands for an undefined period
- Transmission networks and generation cannot be 100% protected
- Restoration times are long and uncertain

THE REQUIREMENT

What must keep running*

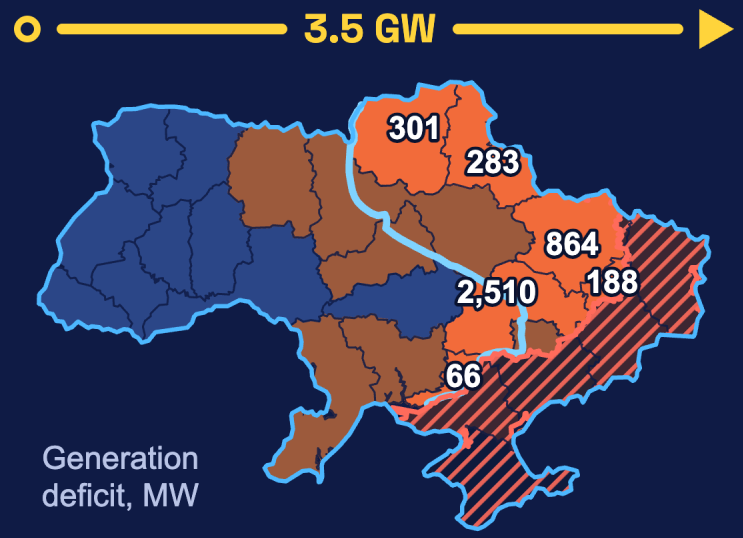
- Critical infrastructure
- Minimum living conditions for citizens
- Security and defence forces in frontline regions

** In every region, not only near the front line*

THE SOLUTION

The instruments we need

- Distributed generation in protected design to cover critical local needs during crises
- State investment in high-risk regions; the state covers military and economic risks
- Public-private partnership; clear earnings for investors
- Transmission and distribution grids (TSO, DSO) with engineering and military protection and equipment reserves, scaled to the threat level
- Financial and technical mechanisms for communities



Deficit: High Medium Low

NORMAL MODE
Sells to the market



EMERGENCY MODE
Runs on its own



What every energy island needs

- Island boundaries and required capacity
- Grid reconfiguration and connection measures
- Generation operators and technical coordinators
- Funding mechanisms for construction and operation