Resilience in powering recovery

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Vestas Northern and Central Europe
2023
The undisputed **global leader** in wind energy

- **~29,000** employees
  - Every day, our employees help create a better world by designing, manufacturing, installing, developing, and servicing wind energy and hybrid projects all over the world

- **+50,000** turbines under service
  - Our service technicians keep the world spinning by servicing a global portfolio of more than 147 GW - the largest fleet in the world

- **167 GW** installed wind turbine capacity
  - We have installed more wind turbine capacity than any other company in the world, with installations in 89 countries

- **222m** tonnes CO$_2$e avoided annually
  - Our total aggregated installed fleet annually help the World avoid emissions of 222 million tonnes CO$_2$e

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The Global Leader in Sustainable Energy Solutions
Current status of wind power sector in Ukraine

Investor Landscape

- DTEK Renewables: 35%
- Vindkraft: 19%
- Emergy: 14%
- Wind Parks of Ukraine: 16%
- Eurocape Ukraine: 6%
- Hero Asia: 4%
- Elementum Energy: 2%
- Eco Optima: 2%
- Guris: 2%
- Others: 1%

Total Installed Wind Capacity in Ukraine
As of Q3 2023

1.9 GW

- # 35
  - Wind Farms
- 198 MW
  - New additions 2022 – Q3, 2023
- ~3 bnEUR
  - In Investment

Wind Farms Installed in Ukraine
Totaling 35 wind farms
State of the Ukrainian power sector
Energy infrastructure as a special target for aggressor
Project execution amid the war
Extraordinary measures in the extraordinary times.

Tiligul I project
19x V162 6.0MW, total 114MW
- Part of Tiligul project 500MW.
- Started in 2021, halted 24th Feb 22.
- Work re-started in Q4 2023.
- Last turbine commissioned in May 2023.

Security
Special measures to ensure safety
- Special Security Response Plan
- Mobile bomb shelters
- Bulletproof vests and helmets

Complexity
Operational challenges
- Limited personnel
- Constraints in fast deliveries of components and parts
- Cranes & transport equipment

Resilience
Determination to bring the light
- Highly motivated Customer and Vestas’ teams.
- Working in extraordinary conditions.
Resilience in powering the recovery