

WIND POWER SERVICE LOGISTICS



Tailored services for final-mile delivery of wind turbine parts to maximize productivity of technicians and minimize downtime

Excellence in service logistics is essential to wind power organizations with high equipment intensity, broad and often remote geographies, and demanding maintenance schedules. What's needed is the right balance of transit speed and cost, as well as delivery flexibility and the efficient handover of multiple commodity types from electromechanical parts to lubricants and blade swaps.

TYPICAL BUSINESS CHALLENGES

- Balancing transit speed & cost
- Visibility & control of goods in transit
- Achieving effective, time-saving handover
- Sustainably servicing remote locations
- Handling different types of commodities
- Coping with changes & growth



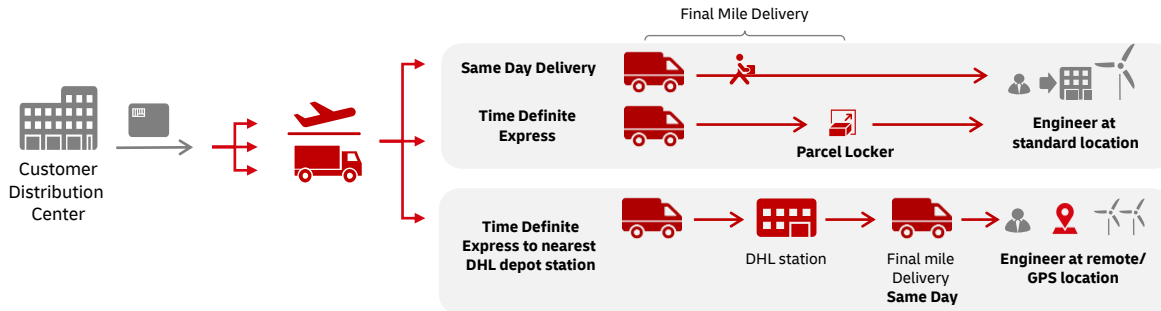
DHL SOLUTION

Leveraging the global DHL network, this solution uniquely combines ocean, air, courier, and road transportation with proven delivery services in the final mile, even to the most remote and challenging locations. DHL can provide the optimal balance between efficiency and resilience through bundling network and subcontracted service. We get the part you need when and where you want it, so you keep your service promises and minimize turbine downtime.

SOLVING YOUR BUSINESS CHALLENGES

- ✓ **Balancing transit speed & cost** – Initiated with a custom-designed transport matrix; direct parts delivery from national and regional warehouses; cost-effective bundling of multimodal transportation and courier services
- ✓ **Visibility & control of goods in transit** – Different service levels include time-definite, same day, express, standard parcel, and regular shuttle; final-mile optimization; delivery to any location including pack stations; high levels of tracking and visibility
- ✓ **Achieving effective, time-saving handover** – Reduces the time technicians spend on collecting parts; can deliver directly into the engineer's hands in a pre-agreed time window; precise GPS location
- ✓ **Sustainably servicing remote locations** – DHL network spans over 220 countries and territories, servicing wind farms sited beyond the reach of standard networks; includes remote locations in regions such as North Dakota or Australia; carbon emissions reduction and reporting
- ✓ **Handling different types of commodities** – Small- and medium-sized components and spare parts; wide range of commodities includes dangerous goods and temperature-controlled items; for stock replenishment and scheduled maintenance as well as urgent turbine-down events
- ✓ **Coping with changes and growth** – Allows ongoing supply chain redesign to support changing footprints in a highly dynamic market; rapid expansion capabilities and service scalability

TAILORED SERVICES FOR FINAL-MILE DELIVERY, ENSURING TECHNICIANS ARE HIGHLY PRODUCTIVE



WIND POWER SERVICE LOGISTICS



KEY BENEFITS FOR YOUR BUSINESS



PARTNERSHIP

Truly collaborative approach to your service logistics



REDUCED DOWNTIME

Swift response in situations such as turbine down



FLEXIBILITY

Select and reselect the required service combinations



COST EFFICIENCY

Bundled services reduce overall cost