Wind Power Shipments on the BNSF Network

Serving the transportation needs of the wind energy market
Efficient and Safe Transportation Solutions for the Wind Energy Market

As one of the nation’s largest railroads, BNSF Railway is positioned to transport imported or domestically manufactured wind components. Our fundamental approach is simple: We provide customized, turn-key shipping solutions to fit your exact needs.

Our Commitment to You:
You can count on us to be a collaborative partner through all stages of the transportation process – from pre-planning to final delivery. Our experience of a decade in the wind market helps qualify us to ship your components. We have safely moved thousands of wind components on rail across the United States.

With BNSF, you get the total transportation package:

> Engineering diagrams
> Streamlined clearance approvals
> Reliable equipment availability
> Specialized equipment design
> Competitive rail rates
> Competitive transload fees (crane, labor, storage)
> Detailed trucking solution/costs
> Test shipments on rail
> Rail tracking and tracing reports
> and more

BEST IN CLASS OPERATIONS
At BNSF, we have the experienced personnel, network, equipment and technology to make your shipments cost-effective and convenient. And safety is our top priority. We evaluate on-site loading and monitor ride quality to ensure a safe and well-balanced load.
Save money on your transportation costs by allowing us to move your wind turbine components for the long haul. Our transload hubs are strategically located less than 300 miles from the vast majority of wind farms in the United States. Just tell us where you need to go. In conjunction with our partners, we’ll customize a solution that suits your needs.
Committed to Environmental Leadership

As one of the nation’s largest railroads, BNSF embraces the opportunity to make a meaningful difference in protecting our environment. Railroads are the most environmentally friendly mode of surface transportation. BNSF is a leader in the rail industry for the protection of our air, land, and water.

REDUCING YOUR CARBON FOOTPRINT

To help quantify the positive impact shipping by rail can have on the environment, we’ve created a Carbon Estimator tool. This tool provides comparisons of carbon output on shipments by rail vs. carbon output on shipments by truck.

A Real Example:
On one specific move in 2011, BNSF shipped 22 wind turbine blades on its rail network from Iowa to Pasco, Wash. The customer’s decision to use rail is having a significant positive impact on the environment. Just how much? We conducted a comparison of the carbon output emitted on this specific shipment vs. the carbon output that would have been emitted had the same shipment moved by truck only.

<table>
<thead>
<tr>
<th>Units</th>
<th>Tons</th>
<th>Miles</th>
<th>BNSF Carbon Footprint</th>
<th>Truck Equivalent Carbon Footprint</th>
<th>BNSF vs. Truck Footprint Reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>528</td>
<td>1,981</td>
<td>22.9 metric tons of CO2 equivalents</td>
<td>172.2 metric tons of CO2 equivalents</td>
<td>87%</td>
</tr>
</tbody>
</table>

In this shipment alone, moving these wind components via rail resulted in an 87% reduction in carbon output.

For assistance in calculating your own carbon footprint comparison or to learn more about our environmental stewardship, contact us.

Ship with BNSF and Breathe Easier – Contact BNSF Today
To learn more or to begin planning your wind turbine shipping project with BNSF, contact:

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