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Rail is the Most Environmentally Efficient Mode of Surface Transportation







In 2021, customers **reduced total carbon emissions by 21 million metric tons** by shipping with BNSF. That's the equivalent of taking 4.4 million vehicles off the road.



On average, BNSF trains can move one ton of freight more than **480 miles on just one gallon** of diesel fuel.



On average, trains are three to four times more fuel efficient than their highway counterparts and lower greenhouse gas emissions by more than 75%.*



If 25% of truck traffic moving at least 750 miles went by rail instead, annual greenhouse gas emissions would fall by 13.1 million tons.*

^{*}Association of American Railroads Data

We Care

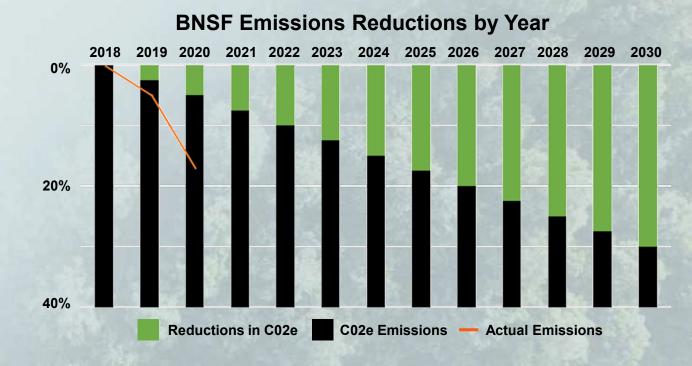




Leading the Way:

- Sustainable practices
- Next generation of locomotives
- Testing new technologies

With these efforts and many more, BNSF is committed to reduce our emissions by 30% by 2030.



Reducing our Carbon Emissions

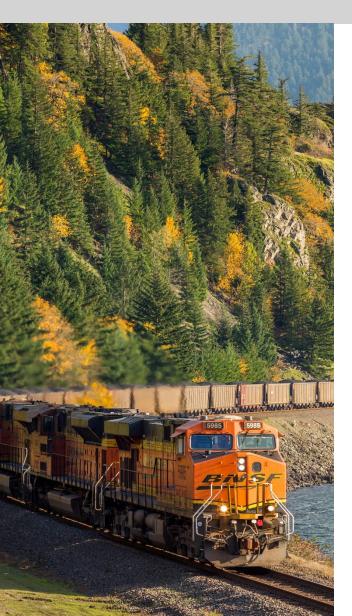




- Fuel efficiency practices
- Software solutions for operating efficiency
- Renewable and Biodiesel alternatives
- Advanced Energy pursuits including battery-electric and Hydrogen-powered equipment
- Renewable energy generation and storage

Sustainable Innovation in Action





BNSF continues to invest in the development and implementation of sustainable technology solutions across a variety of transportation applications.

Locomotives

 Battery-electric switch engines and line-haul locomotives in CA

Intermodal Facilities

- Battery-Electric Hostlers, Forklifts & Drayage Trucks
- Hybrid RTG (Rubber Tire Gantry) and Electric Wide-Span Cranes
- Automated Gates to reduce idling

On-site renewable power generation



