



DB Energie Refuelling Services: Refuelling Trains 24 Hours a Day – Nationwide.

Product Information

The Basis for the Future. DB Netze.



Preface

Welcome to DB Energie

As manager of one of the largest multiple-energy portfolios in Germany and supplier of energy to rail operators in Germany, we have the size, the experience, the expertise and the technology required to provide you with a reliable, economic, energy-saving and environment-friendly power supply. We support your ability to compete in the marketplace by providing high-quality solutions to complex energy issues – supplying traction current all the way to the current collector, fuels to the tank and 50 Hz current to the power socket.

And we are successful – as Germany's fifth largest energy supplier, our workforce of just under 1,650 employees generates revenues of some EUR 2.3 billion. This also works to your benefit, of course, since we aim at all times to place our comprehensive knowledge of international markets and our strong demand position for all energy sources at our customers' service.

But we do much more than just supply energy. We also offer a wide range of energy services – advising large customers in the development of their procurement strategies and in the negotiation of network access and supply contracts. And wherever it makes sense, we also install connections and cables, look after your facilities, deliver fuels and ensure an uninterrupted supply of power.

16.7 Hz Traction
Current/
Direct Current

Refuelling
Services

50 Hz Electric
Lighting and Non-
Traction Current

Energy Services/
Risk Management

Energy
Plant
Service



Traction Power

Stationary Power

Service

Our range of services covers the following areas:

- 16.7 Hz traction current and direct current
- Refuelling services
- 50 Hz electric lighting and non-traction current
- Energy services
- Energy Plant Service



DB Energie Refuelling Services

Rail traction needs energy. We supply diesel – and everything that goes with it

DB Energie's Refuelling Services unit provides diesel fuel and other consumables at its refuelling stations on Deutsche Bahn's rail network 24 hours a day. In addition to rail vehicles, commercial road vehicles can also obtain fuel at selected locations.

DB Energie also provides a range of comprehensive services for customer-owned refuelling stations. We will carry out the planning and construction of refuelling stations, for example, or upgrade refuelling stations in train depots or on the premises of bus companies and freight forwarding companies. At the customer's request, we will also operate these facilities, including fuel allocation, supply and billing, plus maintenance and troubleshooting.

Our services at a glance

- We supply diesel and other consumables as well as additional supplies at DB Energie refuelling stations
- New build and upgrading of refuelling stations on behalf of the customer
- Refuelling station management and operational management on behalf of the customer



In addition to Deutsche Bahn AG, there are over 230 other railway undertakings and road transport companies currently benefiting from the wide range of services we provide. And our customer base is constantly growing – as a result of DB Energie’s cost-effective purchasing policy, the comprehensive consultancy services and general services we provide, and the optimised refuelling and billing technologies we have introduced in the last few years.

Our portfolio of services means that you can concentrate on your core business while reducing operating and purchasing costs.



Our service portfolio in detail

Supply of consumables

Fuel and service 24 hours a day

DB Energie offers a reliable supply of diesel fuel at any time of the night or day for more than 10,000 traction units at 190 company-owned refuelling stations and at selected locations also to road transport customers, such as buses and trucks. Depending on your requirements, we will also supply you with engine oil, service water or drinking water, and sand to improve adhesion between wheel and rail.

Refuel faster – save time and money

For an optimum utilisation of the traction units, every hour of operation and every man-hour pays. The refuelling process must be as simple and as fast as possible. We have shortened the time spent at the refuelling station by introducing electronic vehicle identification, simple release of the dispenser unit and an electronic tank data recording system.

All self-service refuelling stations are equipped with an intercom system, known as the C box, to ensure security of supply. This communication link enables train drivers to contact DB Energie's Service Centre at any time.

Refuelling at DB Energie – simple, clean and safe

1. Vehicle identification

The driver identifies the traction unit via the rod aerial and the transponder, which releases the fuel dispenser.

2. Refuelling operation

The driver fills the vehicle's tank with diesel.

3. End of operation and departure

The driver can continue his journey as soon as the refuelling operation has ended without the need for any further administrative details.

Electronic billing in the tank data recording system

Our state-of-the-art, IT-supported tank data recording system (TDS) provides details of individual refuelling operations and enables billing of the fuel and consumables for each rail vehicle at all DB Energie refuelling stations. This reliable basis for preparing the bill saves you and your drivers time-consuming administration.

Billing of diesel fuel in the heating oil tank

For traction units fitted with a separate heating oil tank, it is possible to have the difference between the mineral oil tax rate and the lower heating oil tax rate reimbursed – provided it can be demonstrated that a given quantity of diesel was used in the trains for heating purposes only. DB Energie records the quantities taken on for this purpose separately and provides you with a separate receipt as evidence. This allows you to reduce your purchasing costs even further.



Sealed refuelling system

In addition to open refuelling using a fuel nozzle, at some locations DB Energie also offers refuelling using a sealed system with a quick-release locking ring. This provides high-speed refuelling at up to 150 litres per minute. Splash back and leakage have been completely eliminated, regardless of the angle and position of the refuelling hose. The operator and the environment enjoy the best possible protection. Already in use internationally, the system offers all the benefits of modern technology.



Refuelling station management and operational management on behalf of the customer

Efficiency through system partnership

In addition to supplying DB Energie refuelling stations, we offer our customers the management of their own refuelling stations. At the customer's request, this can range from maintenance and troubleshooting with 24-hour standby services to comprehensive operational management including allocation, supply and billing of diesel fuel via our tank data recording system.

The aim is to provide a partnership with clearly-defined economic benefits for our customers. You too can benefit from decades of experience in the management of a complex logistics system for the nationwide supply of diesel and DB Energie's proven technology.

**Do you have any questions relating to our products?
Call our experts – they'll be delighted to help.**

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