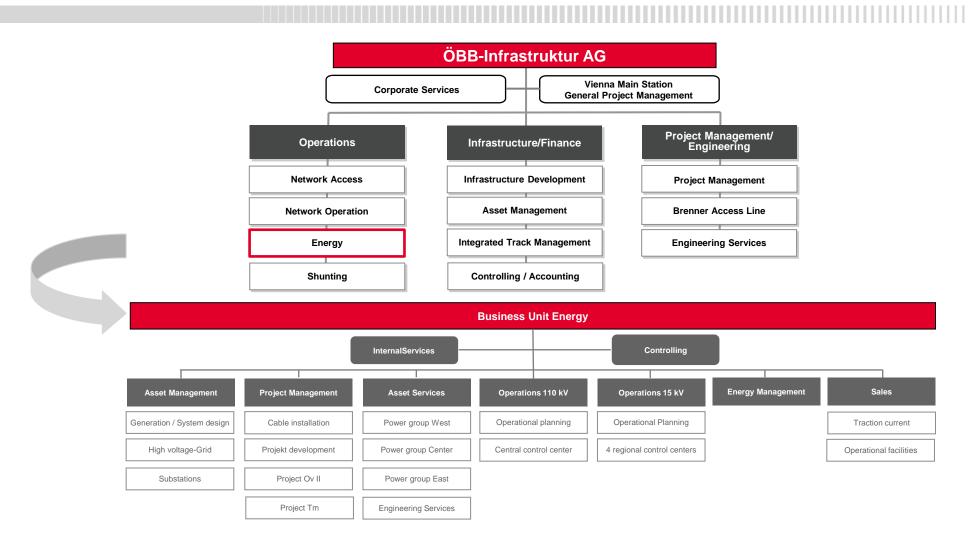


ÖBB-Infrastruktur AG



Object of business

16.7 Hz traction power supply

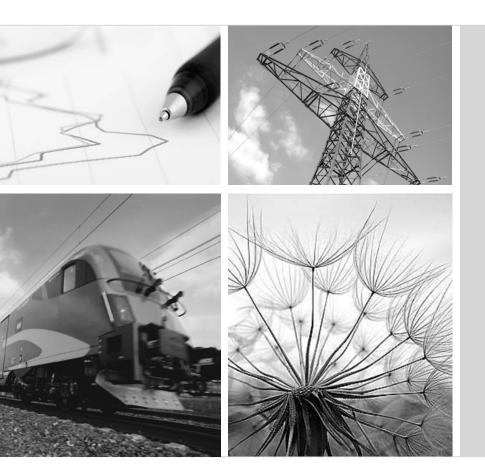
Energy supply of operational facilities

Energy services

- Generation and distribution of 16.7 Hz power
- Business management of the 16.7 Hz traction power supply
- Sale of 16.7 Hz traction current to all the railway companies in Austria
- Facility management incl. erection of power plants, frequency converters and substations, traction current lines and control centers
- Generation and distribution of 50 Hz power
- Control and monitoring of 50 Hz power supply
- Purchase and sale of 50 Hz current, natural gas, heat, cold to all of the group's commercial units and external customers on railway areas
- Facility management for power grids

- Energy metering for railway undertakings by use of RailwayBox
- Energy economy-related services for major customers in the energy market from portfolio analysis via balance group management and market access to full supply

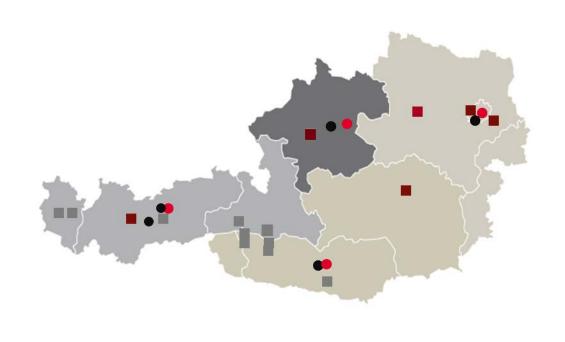
Our goals



- Maintaining high quality and reliability of traction power supply in Austria
- Stabilization of energy procurement costs
- Acquiring and maintaining know-how in traction power supply
- "Reasonable" growth in market segments sustainably increase of the economical value of the business unit
 - Growth in power generation with all of the renewable energy sources available in Austria
 - Enhanced integration in processes and markets of railway companies

Energy is everywhere

- Office locations
 Vienna, Linz, Villach, Innsbruck
- Control centers Regional control center Meidling, Attnang, Villach, Zirl Central control center Innsbruck
- Hydro power plants Schneiderau, Enzingerboden, Uttendorf I, Uttendorf II, Fulpmes, Spullersee, Braz, Obervellach, Lassach, Rosenbach
- Frequency Converter Auhof, Bergern, Kledering, St. Michael, Ötztal, Timelkam





Figures – Data – Facts (2012)



361 employees

548 million €

Sales revenues

8 16.7 Hz hydro power plants

- 2 50 Hz hydro power plants
- 6 Transformer stations
- 1 Converter stations
- 62 Substations
 - 2 Substation stands
 - 8 Mobile substations
 - 5 Control centers
- 2.023 km Power transmission line 65 km Cables

24 million € investments





92 % of traction current gained from renewable energy sources



Traction power supply (2012)

16.7 Hz traction power supply

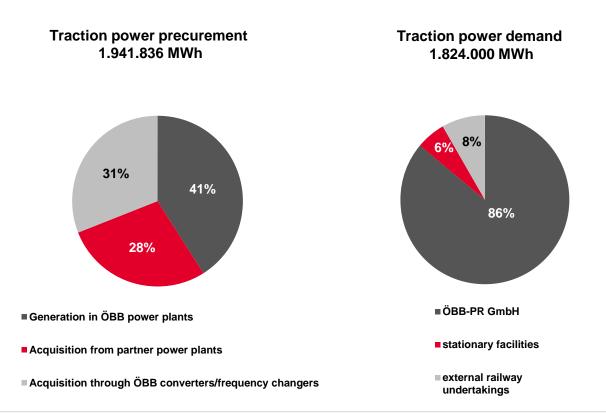
We produce approximately one third of traction power demand in Austria in our 8 hydro power plants.

We supply:

- more than 1,000 electric locomotives and electric power cars
- 70 preheating devices for trains
- 20 heating testing facilities
- 1,086 points heaters

as well as a wide range of train radio stations, UPS and emergency power stations

We provide measuring equipment for the acquisition of power demand and offer pertinent services such as metering value transmission and analysis. For motive power units, tracking of locations is possible by means of GPS.



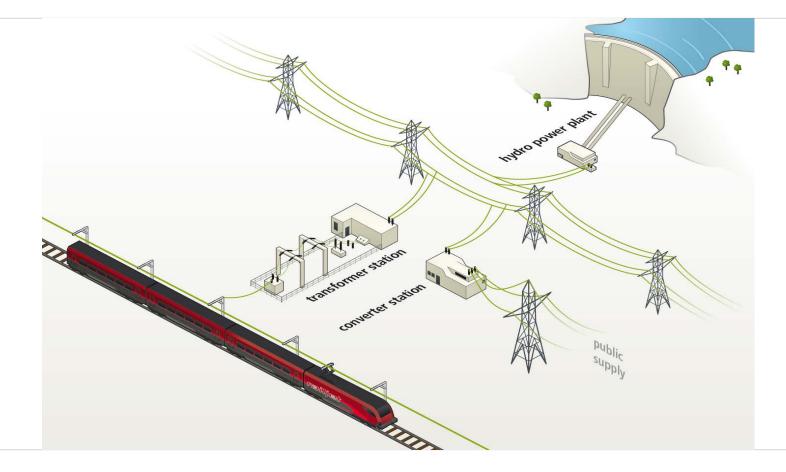


Energy Supply (2012)

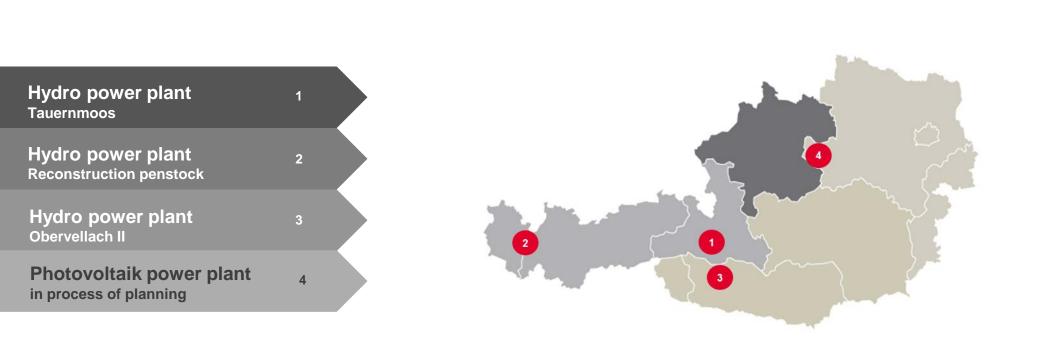
Energy supply of operational facilities Total value of raised energy Purchase of natural gas and heat 348.307 MWh 380.307 MWh We are the energy supplier of the entire ÖBB 1% group. 5%4% We supply more than 7,839 bases with 50 Hz current 742 bases with natural gas 206 bases with cold 54% as well as 448 bases with heat. 90% We support our customers in Energy monitoring Energy demand planning, ■ Natural gas Own generation in power plant Lassach Energy demand acquisition and Measures for efficient energy use. Generation in 16,7 Hz power plants Heat ■ Purchase from energy suppliers ■Own generation in power plant Rosenbach

46%

Principle of 16.7 Hz traction power supply



Projects for increasing production capacity



In line with the environment

We are in line with the environment through:

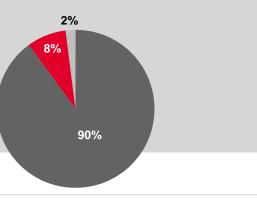
- Increase in energy efficiency in traction power supply
- Intact flora and fauna in the vicinity of our facilities,
- Operational energy management,
- Measurement and reporting of the environmental activities, and
- Placing of CSR measures in the vicinity of our facilities.

Traction power mix 2012

The good CO₂balance of public rail traffic is based on the sources of traction power.

The customary traction power mix (see chart) already comprises a high share of renewable energy.

Additionally, CO_2 free traction power generated from 100% renewable energy and additional compensation of upstream CO_2 emissions is offered.





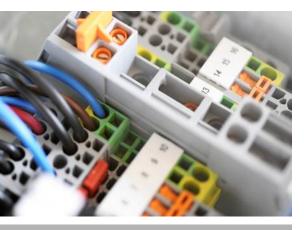
Through the generation mix of traction power, annually more than 3 million t of CO_2 can be saved

■ Hydro Power ■ Natural gas ■ Environmental friendly energy



Innovations – knowledge – further development

Idea and knowledge management for maximum innovation strength



Acquiring and maintaining know-how in traction current supply Development towards energy service provider and energy supplier for trains in Europe

Commitment to comprehensive employee protection and workplace health promotion





Selected, efficient communication within the business unit

Future-oriented training and further training of the individual employees



Our customers & partners

We supply our customers in a non-discriminating way and offer numerous services for

- railway traffic and railway infrastructure enterprises,
- lessees on railway area,
- industry customers, and
- the entire ÖBB group.





City Air Terminal BetriebsgmbH - Deutsche Bahn AG – Graz-Köflacher Bahn – GYSEV Zrt. - Linzer Lokalbahn AG – Cargo Service GmbH. – Lokomotion GmbH – LTE – Montafohnerbahn AG – ÖBB – Rail Cargo – RTS GmbH – Salzburg AG – Steiermarkbahn GmbH – Steiermärkische Landesbahnen – Stütz Rail Professionals GmbH – T-Mobile Austria GmbH – TX Logistik GmbH - Westbahn Management Gmbh – Wiener Lokalbahnen AG – Wiener Lokalbahnen Cargo AG – A1 Telekom AG – Billa AG – Bipa GmbH – Der Bäcker Ruetz GmbH – Hutchinson 3 G GmbH – Karl Schmelzer GmbH – Mc Donald's – MPREIS GmbH – Mungos GmbH – Secret Factory GmbH – Selecta GmbH – SPAR AG – Ströck GmbH – Weichenwerk Wörth GmbH –DB Energie GmbH – Siemens Industry Sector



