

Transition to electric buses in Bern



The city of Bern is aiming to complete a transition to an all-electric bus fleet.

After a successful pilot project in which an electric bus was deployed on the city's bus line 17, electric buses were deployed in the framework of an initial project phase to service the city's bus lines 19 and 21, and the deployment of electric buses for bus lines 10 and 28 is set to follow in the project's second phase. EBP assisted the city's transportation company, BERNMOBIL, when it came to launching the fleet's electrification, particularly in matters relating to the charging infrastructure with opportunity chargers (fast charging pantographs) at terminal stops (450 kilowatt DC charging) and the charging stations at the Eiger Plaza bus garage (50-150 kilowatt DC charging). The scope of our assignment also included the installation of a new transformer station.

Our services

- Provision of support for concept development, including the plan for an overhead electric-track system with convenient slidable charging points in the bus garage
- Work on project submissions as per GATT/WTO, particularly with regard to system definitions for the charging infrastructure
- Comparative study of pantograph types
- Provision of assistance to BERNMOBIL when it came to implementing the charging system during the rollout phase

Picture: BERNMOBIL

Client

BERNMOBIL Bern City Transportation Company

Facts

Period	2019 - 2022
Project Country	Switzerland

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