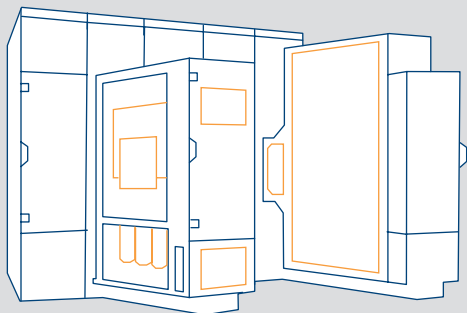
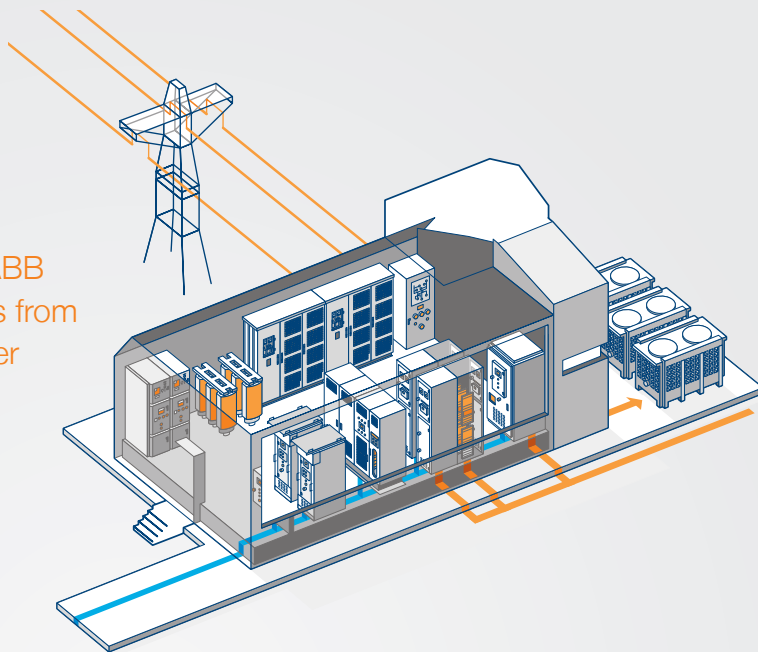


Wayside

One stop shop, unique expertise, local support

Energy savings.
Reliability.
Innovation.

These are the benefits that separate ABB dynamic transit infrastructure solutions from standard wayside commodities in order to transform your operations. ABB is leading the revolution.



ENVILINE™ ESS

Wayside energy storage system that captures and returns the braking energy of trains. Learn more by scanning the QR code below.



Case study

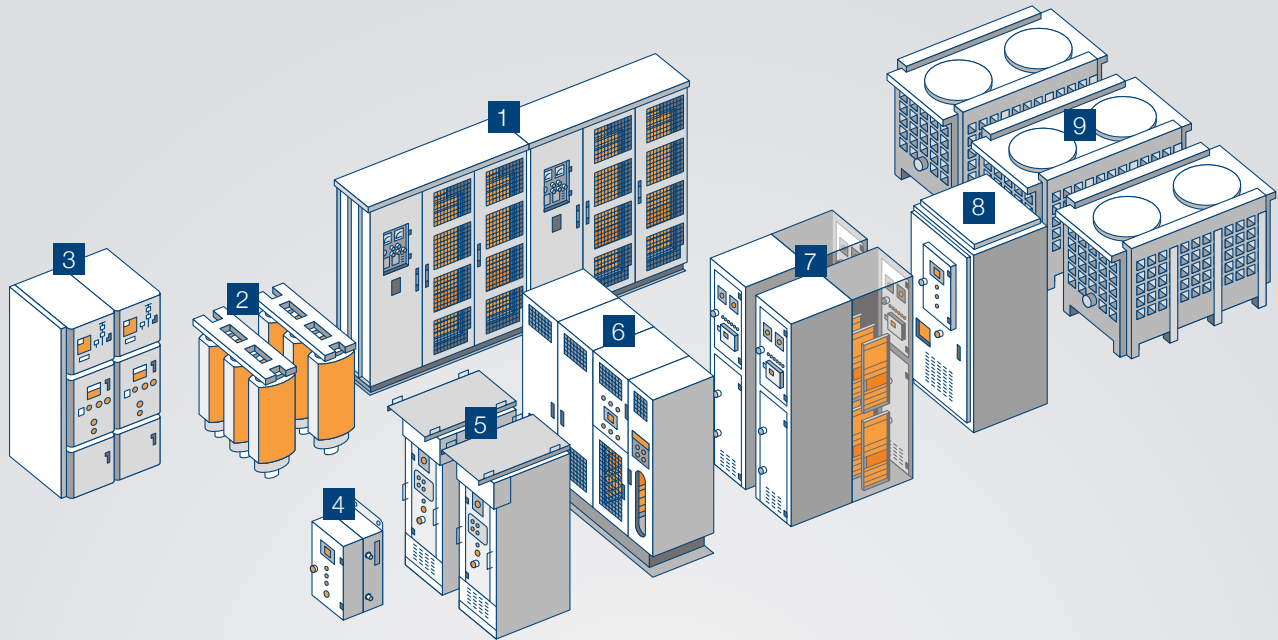
Just ask the Southeastern Pennsylvania Transit Authority (SEPTA), responsible for moving some four million people around the metro Philadelphia area.

ABB innovations allow SEPTA to recover regenerative train braking energy that is normally wasted through resistors in conventional networks. In addition, ABB technology allows the client to benefit from a revenue stream by providing grid regulation services to the local utility.

Power and productivity
for a better world™



Products and solutions



1. Traction rectifiers
2. Transformers
3. AC switchgear
4. Automatic ground system
5. Energy storage system
6. Energy recuperation system
7. DC switchgear
8. Energy dissipation system
9. External resistor bank

Only one transit solutions team offers a wide range of wayside control and power products, energy management expertise and North American manufacturing. ...that team is ABB.

Our wayside innovations empower you to derive maximum return on your transit infrastructure investment.

Engineered products & unique solutions for smart transit

For additional information, contact Daniel Simounet, daniel.simounet@ca.abb.com

www.abb.com/railway