

Energy saving technologies in the railway vehicle traction field can be mainly categorized into two domains: reducing loss and increasing the regenerative energy. Energy saving technologies for ...

Traction power systems (TPSs) play a vital role in the operation of electrified railways. The transformation of conventional railway TPSs to novel structures is not only a ...

Let's face it - when most folks think about electric locomotive energy storage, they picture rusty train parts or confusing engineering diagrams. But hold on! This topic matters ...

This paper studies the case of a typical consist of three Co-Co diesel-electric locomotives, and considers replacing one unit with an alternative version, with the same design ...

The braking energy in diesel-electric locomotives is typically wasted into resistors. A more energy-efficient way is to store and recycle such energy. Thus, this paper proposes a multiport power ...

Web: <https://www.profbismed.pl>