Moving large power transformers can be a challenge. Their large dimensions and extreme weight pose unique requirements to ensure safe and efficient transportation. ABB’s Railcar Rental Program helps customers meet those unique requirements with three specialty railcars.

**Railcar types and uses**
ABB operates and rents railcars designed specifically for the transportation of large power transformers. Two different types of cars are utilized based on the specific load requirements: Schnabel and side rail. ABB’s rail specialists are available to assist you in determining the best choice.

**Railcar capacities and daily rates/fees**
The ABB Railcar Rental Program includes the type and class of railcars listed below.

<table>
<thead>
<tr>
<th>Car #</th>
<th>Type</th>
<th>Load (lbs.)</th>
<th>Daily Rate</th>
<th>Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTDX-202**</td>
<td>Schnabel</td>
<td>1,000,000</td>
<td>$2,500</td>
<td>NA</td>
</tr>
<tr>
<td>PTDX-203**</td>
<td>Schnabel</td>
<td>750,000</td>
<td>$2,000</td>
<td>NA</td>
</tr>
<tr>
<td>PTDX-205*</td>
<td>Side Rail</td>
<td>733,000</td>
<td>NA</td>
<td>$17,500</td>
</tr>
</tbody>
</table>

*One-time loading fee – no daily charge.
**A special train is required to move this car under load. Special train rates are charged on a per-mile basis, plus normal freight charges.

Schnabel. Certain transformers are designed to be an integral part of the “Schnabel-type” car. The transformer attaches to railcar frames utilizing a pinning system located near the base. This allows the transformer to ride approximately six inches above the rail. These cars range in mechanical design from 12 to 20 axles. Load requirements determine car capacity requirements.
Railcar rental arrangements and terms
ABB will help you make the choice in all areas of railcar selection, scheduling, insurance, and contracting. Rental terms are negotiated individually for each contract; however, typical terms include, but are not limited to, the following:
- Daily rental rates are applicable from the day the car departs until the day it returns.
- All freight charges are the customer’s responsibility.
- Any damage to the railcar, whether caused by customer or railroad, is the responsibility of the customer.
- A rental contract must be executed prior to the release of any railcar to the customer.
- ABB technical assistance is required on-site during the loading and unloading of Schnabel cars utilizing ABB price list 48-519.

Side rail. This type of railcar is generally used to transport a specific type of transformer manufactured up to 1987 by GE. ABB’s side railcar is the only operational car of this type in North America.

For more information please contact:

ABB Inc.
Transformer Remanufacturing and Engineering Services (TRES)
4350 Semple Avenue
Saint Louis, MO 63120-2241 USA
Phone: +1-800-HELP-365
+1-877-839-7877
Fax: +1-314-679-4595
E-mail: Transformer.Service@us.abb.com

www.abb.com/transformers

ABB Inc. Canada
201 Westcreek Blvd.
Brampton, ON L6T5S6
Phone: +1-800-HELP-365
Fax: +1-905-460-3018

www.abb.ca

Note:
We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document. We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction—in whole or in parts—is forbidden without ABB’s prior written consent.

Copyright 2009 ABB.
All rights reserved.