

**Quick Start Guide**

**LTR XML CONVERTER**

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## 1.0 INTRODUCTION

This LTR XML Converter is based on Excel. It is designed to support (new) participants at the daily auction for the border Germany-Switzerland.

The main functionality is to quickly enter a valid LTR (Long Term Reservation message) for nomination of Long Term Rights and to convert and store the message as a xml file.

This is supported by preselection and maintainable basic data which have to be entered only once.

The LTR XML Converter can be used with different versions of Excel (at least 2007, 2010, 2013 and 2016).

## 2.0 DATA

### 2.1 MAINTENANCE BASIC DATA

You have to supply some basic data which are mandatory for using the LTR XML Converter:

- Language (German/English)
- Path specification for the generated XML file
- Path specification for the DTD file
- Receiver ID (EIC)
- Receiver email address
- InAreas (control areas)
- OutAreas (control areas)

More detailed instruction and guidance is available in the LTR XML Converter / sheet „Manual“.

### 2.2 ENTER DATA FOR LTR TIME SERIES

The LTR time series are collected for one specific business day.

Some data are predefined and fixed, some can be selected from a number of options and some are completely selectable by the user.

By using another functionality (validation) the user can easily check if the supplied data is convenient with the corresponding DTD file (see basic data).

Note: The DTD file is part of the download package.

#### 2.2.1 MESSAGE HEADER

Data supplied in the header section is used for the message itself not for the different time series.

More detailed instruction and guidance is available in the LTR XML Converter / sheet „Manual“.

### **2.2.2 TIME SERIES / AUCTIONTIMESERIES**

Data supplied in the AuctionTimeSeries section is used for every LTR time series which is inserted in the Excel sheet „Time Series“.

More detailed instruction and guidance is available in the LTR XML Converter / sheet „Manual“.

### **2.2.3 TIME SERIES / PERIOD**

In this section you have to provide the quantities [MW] for your time series.

More detailed instruction and guidance is available in the LTR XML Converter / sheet „Manual“.

## 3.0 USER FUNCTIONS

### 3.1 COPYING TIME SERIES

It is possible to copy an existing time series to a new time series.

Afterwards you have to modify the values of

- AuctionTimeSeriesIdentification
- AuctionTimeSeriesVersion

The combination of these two fields must not be equal in any two time series (for one specific day).

### 3.2 DELETING TIME SERIES

You can delete a time series by selecting it and pressing the „Delete“ button.

All time series positioned to the right from the deleted time series are shifted to the left.

### 3.3 VALIDATION

Before generating the XML file you should validate your time series. The validation checks if your time series meet(s) the requirements defined in the DTD file.

### 3.4 GENERATING XML

All of the time series which are entered in the Excel sheet will also be part of the generated XML file.

### 3.5 SUPPORT FOR MAIL DELIVERY

You can also generate an email containing the generated XML file as an attachment.

[fahrplan@transnetbw-hsl.de](mailto:fahrplan@transnetbw-hsl.de) is provided automatically as the receiver of this mail.

You can update the receiver if necessary (e.g. for testing) before the mail is sent by MS Outlook or Thunderbird.

If you send the email with its attached LTR XML file to [fahrplan@transnetbw-hsl.de](mailto:fahrplan@transnetbw-hsl.de), this will be treated as a binding nomination!

### 3.6 LOGGING

Messages from the validation and any problems during the usage of the converter are logged in the Excel sheet „Log“.