



*ISO New England Inc.*

*Locational Forward Reserve  
Asset Assignment Upload File Format*

***SMS Locational Forward Reserve Asset Assignment File  
Upload Format Tracking Table***

Ref Number	Change	Updated By	Date
1	Created for 2006 ASM Phase 2 Release	A. Tosenko	02/09/06
2	Corrected XML file example, including the path for the DTD	A. Tosenko	26/09/06
3	Corrected Public ID in the XML file example	A. Tosenko	27/09/06

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## CSV File Format

### CSV Asset Assignment File Upload Format

<Component>

<Customer Id>

\*\*\*

<Asset Id>,<Reserve Zone Id>,<Product Type>,<Date>

<Hour Ending 8>,<MW8>

<Hour Ending 9>,<MW9>

...

< Hour Ending 23>,<MW23>

\*\*\*

<Asset Id>,<Reserve Zone Id>,<Product Type>,<Date>

<Hour Ending 8>,<MW8>

<Hour Ending 9>,<MW9>

...

< Hour Ending 23>,<MW23>

\*\*\*

<Asset Id>,<Reserve Zone Id>,<Product Type>,<Date>

<Hour Ending 8>,<MW8>

<Hour Ending 9>,<MW9>

...

< Hour Ending 23>,<MW23>

\*\*\*

# CSV File Example

## CSV Asset Assignment Example File

LFR Assignment

6

\*\*\*

206,901,TMOR,10/01/2006

8,10

9,10

10,10

11,10

12,10

13,10

14,10

15,10

16,10

17,10

18,10

19,10

20,10

21,10

22,10

23,10

\*\*\*

206,901,TMOR,10/02/2006

8,10

9,10

10,10

11,10

12,10

13,10

14,10

15,10

16,10

17,10

18,10

19,10

20,10

21,10

22,10

23,10

\*\*\*

## CSV File Format Definitions

### CSV Asset Assignment Upload File Definitions

Field	Description	Format	Required
Component	Defines the type of upload file. The type should "LFR Assignment".	Specify: LFR Assignment (not case sensitive)	Yes
Customer Identifier	Contains the customer's identification number.	Maximum length is 9 characters	Yes
Record-Begin delimiter	Contains the delimiter that indicates the beginning of a day's meter reading.	Specify: ***	Yes
Asset ID	Contains the identification number of a Market System Asset.	Maximum length is 9 characters	Yes
Reserve Zone	Contains the identification number of a Market System Reserve Zone.	Maximum length is 9 characters	Yes
Product Type	Defines the product type two which the asset's mw are assigned. Valid product types are "TMNSR" and "TMOR"	Specify: TMNSR TMOR	Yes
Date	Contains the applicable date for this data.	MM/DD/YYYY	Yes
Hour Ending	Contains the given ending hour for which the assigned mw is applicable.	Numeric from 8 - 23	Yes
MW	Contains the asset assignment data for the given ending hour.	Total length cannot exceed 10 characters but includes up to 3 decimals.	Yes

## XML File Format

The following table lists the “Public Id” and “System Id” for LFR Assignment upload file.

The “Public Id” is a unique name describing the file format. When a customer uploads a file to a system at ISO-NE, the system recognizes the file format based on the Public Id.

The “System Id” is a URL where the file format itself can be retrieved. Anyone may download the file format from the System Id URL and read it. For instance, the file format for XML LFR Assignment may be read in a web browser like Internet Explorer by opening the URL “[http://www.iso-ne.com/support/tech/dtd/sms/LFRAssignment\\_1\\_0.dtd](http://www.iso-ne.com/support/tech/dtd/sms/LFRAssignment_1_0.dtd)”. The System Id has other purposes as well. When a customer views an upload file in a tool like Internet Explorer, the tool uses the System Id to download the file format and process the upload file for display.

Every XML upload file is expected to start with two lines: the XML line, and a DOCTYPE line with the Public Id and the System Id. For instance, an XML LFR Assignment file must begin with these two lines:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE LFRAssignment PUBLIC "-//ISO New England, Inc//DTD
LFRAssignment 1.0//EN" 'http://www.iso-
ne.com/support/tech/dtd/sms/LFRAssignment_1_0.dtd'>
```

<b>Upload Type</b>	<b>Public Id</b>	<b>ISO-NE published System Id</b>
XML LFRAssignment	-//ISO New England, Inc//DTD LFRAssignment 1.0//EN	<a href="http://www.iso-ne.com/smd/support/tech/sms/LFRAssignment_1_0.dtd">http://www.iso- ne.com/smd/support/tech/sms/LFRAssignment_1_0.dtd</a>

# XML File Example

## XML Asset Assignment Example File

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<!DOCTYPE LFRAssignment PUBLIC "-//ISO New England, Inc//DTD LFRAssignment 1.0//EN"
http://www.iso-ne.com/support/tech/dtd/sms/LFRAssignment\_1\_0.dtd>

<LFRAssignment Component="LFRAssignment" CustomerId="6">
  <Assign AssetId="206" ReserveZoneId="901" ProductType="TMNSR" >
    <Date AssignDate="10/01/2006">
      <Block HourEnding="8" MW="10.000" />
      <Block HourEnding="9" MW="10.000" />
      <Block HourEnding="10" MW="10.000" />
      <Block HourEnding="11" MW="10" />
      <Block HourEnding="12" MW="10" />
      <Block HourEnding="13" MW="10" />
      <Block HourEnding="14" MW="10" />
      <Block HourEnding="15" MW="10" />
      <Block HourEnding="16" MW="10" />
      <Block HourEnding="17" MW="10" />
      <Block HourEnding="18" MW="10" />
      <Block HourEnding="19" MW="10" />
      <Block HourEnding="20" MW="10" />
      <Block HourEnding="21" MW="10" />
      <Block HourEnding="22" MW="10" />
      <Block HourEnding="23" MW="10" />
    </Date>
    <Date AssignDate="10/02/2006">
      <Block HourEnding="8" MW="10.000" />
      <Block HourEnding="9" MW="10.000" />
      <Block HourEnding="10" MW="10.000" />
      <Block HourEnding="11" MW="10" />
      <Block HourEnding="12" MW="10" />
      <Block HourEnding="13" MW="10" />
      <Block HourEnding="14" MW="10" />
      <Block HourEnding="15" MW="10" />
      <Block HourEnding="16" MW="10" />
      <Block HourEnding="17" MW="10" />
      <Block HourEnding="18" MW="10" />
      <Block HourEnding="19" MW="10" />
      <Block HourEnding="20" MW="10" />
      <Block HourEnding="21" MW="10" />
      <Block HourEnding="22" MW="10" />
      <Block HourEnding="23" MW="10" />
    </Date>
  </Assign>
</LFRAssignment>
```

## XML File Format Definitions

### XML Asset Assignment Upload File Definitions

Field	Description	Format	Required
LFRAssignment Component	Defines the type of upload file. The type should be LFRAssignment.	Specify: LFRAssignment (not case sensitive)	Yes
LFRAssignment CustomerId	Contains the customer's identification number	Maximum length is 9 characters	Yes
Assign AssetId	Contains the identification number of a Market System Asset.	Maximum length is 9 characters	Yes
Assign ReserveZoneId	Contains the identification number of a Market System Reserve Zone.	Maximum length is 9 characters	Yes
Assign ProductType	Contains one of the following categories that describe the type of product it is: TMNSR, TMOR.	Use one from the description column (case sensitive).	Yes
Date AssignDate	Contains the applicable date for this data.	MM/DD/YYYY	Yes
Block HourEnding	Contains the given ending hour that the meter reading was taken.	Numeric from 8 - 23	Yes
Block MW	Contains the asset assignment data for the given ending hour, that is a decimal number.	Total length cannot exceed 10 characters but includes up to 3 decimals.	Yes