

I-SEM

REPT_045 XSLT User Guide

Version 2.0



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Ireland

1 Document Version History

Version	Date	Author	Description of changes
1.0	29/11/2017	I-SEM Programme	Initial Release of I-SEM Market Trial – XSLT Guide.
2.0	24/04/2019	I-SEM Programme	Updated to reflect changes in Settlement Document XSLT

Table 1: Market Trial – Technical Bulletin, Version History

2 XSLT Guide

Important Notes

1. There is a requirement for Market Participant to have any XML editor
2. This guide is included in a folder with two sample files, the XSLT and the required logo file.
3. Should you wish to incorporate this into a programmatic solution for rendering the REPT_45 with the XSLT, the reference to the SEMO logo file is in the XSLT file.

2.1 XSLT Use

Please follow the steps below to apply the xslt to the settlement documents.

1. Create a folder dedicated to the transformation of Settlement documents to human readable form.
2. Download a report 045 Settlement Document from the MPI and place into the [new same](#) folder [as created in step 1](#).
3. Open the Settlement Document and add the following line [below the first line of the XML, as shown below](#):
4. `<?xml-stylesheet type="text/xsl" href="SettlementDocument_XSLT_4-0b.xslt"?>`

```
<?xml version="1.0" encoding="utf-8" ?>
<?xml-stylesheet type="text/xsl" href="SettlementDocument_XSLT_4-0b.xslt"?>
<REPORT xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <REPORT_HEADER report_type="SD" participant_id="PT_000000" participant_name
```


Figure 1: insert of XSLT reference

5. Save the file and open it with your internet browser e.g. Chrome or Internet Explorer.
6. You will see the Settlement Document has been transformed into human readable form.

semo

Energy Efficiency
Market Operator

Figure 2: Settlement Document MO transformed



Single Electricity

Market Operator

Settlement Document

Summary Information

Report Type	SD		
Market	BHCBH		
Publication Date	2019-04-23		
Publication Timestamp	2019-04-23T09:05:26		
Participant ID	PT_000000		
Participant Name	Big Power Limited		
Document ID	2000000001		
Due Date	2019-04-29		
Document Currency	EUR		

Sender and Recipient Details

Sender ID	PT_000000	Recipient ID	SEMO
Sender Name	Big Power Limited	Recipient Name	EirGrid PLC and SONI Ltd T/A SEMO
Sender Address	Hosey Lane, Donegal, Co. Donegal	Recipient Address	The Oval, 160 Shelbourne Road, Ballsbridge, Dublin 4, D04 F928, IE

Summary Information

Payment Type: SEMO to Pay Participant

	Total	Local	EU	Non-EU
Sales		0.00	0.00	0.00
Purchases		0.00	0.00	0.00
Interest		0.00		
Preliminary Total		0.00		
Reallocation Total		0.00		
Grand Total		0.00		

Figure 3: Settlement Document BMCRM transformed