

I-SEM Market Trial

REPT_045 XSLT Guide

Version 1.0



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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.

Table 1: Market Trial – Technical Bulletin, Version History

2 XSLT Guide

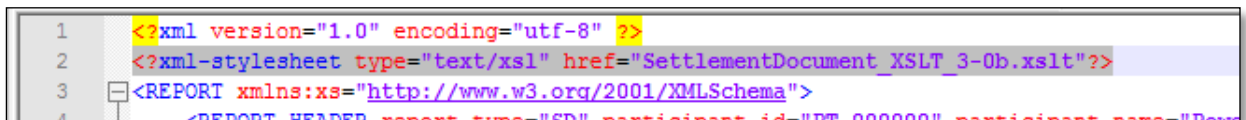
Important Notes

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. Navigate to the SEMO website (<http://www.sem-o.com>) and download the xslt [here](#)
2. Create a folder dedicated to the transformation of Settlement documents to human readable form.
3. Download a report 045 Settlement Document from the MPI and place into the same folder as created in step 2.
4. Open the Settlement Document and add the following line below the first line of the XML, as shown below:
5. `<?xml-stylesheet type="text/xsl" href="SettlementDocument_XSLT_3-0b.xslt"?>`

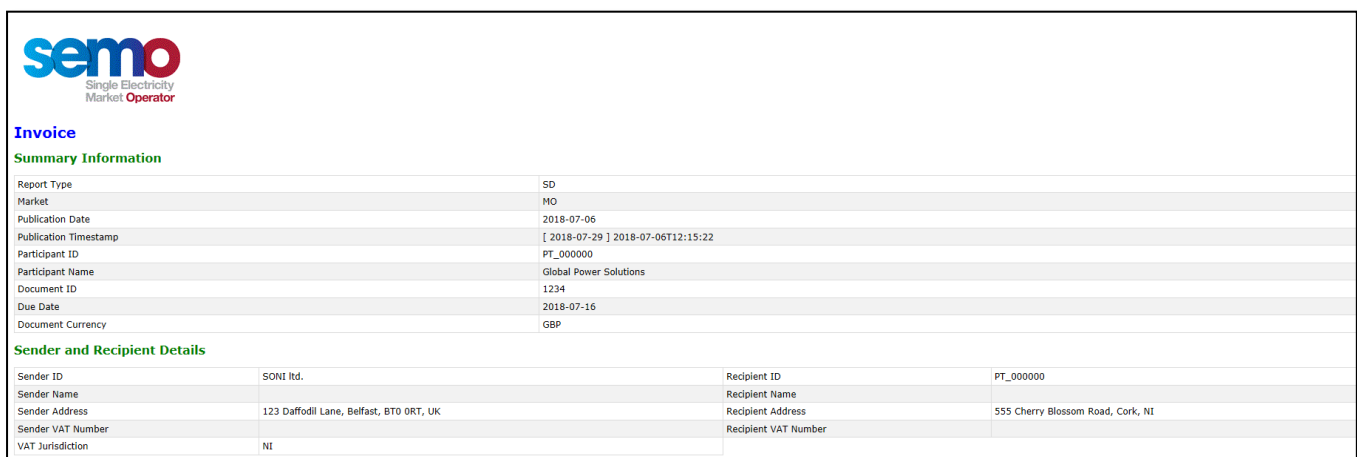



```

1  <?xml version="1.0" encoding="utf-8" ?>
2  <?xml-stylesheet type="text/xsl" href="SettlementDocument_XSLT_3-0b.xslt"?>
3  <REPORT xmlns:xs="http://www.w3.org/2001/XMLSchema">
4  <REPORT_HEADER report_type="SD" participant_id="PT_000000" participant_name="Dev

```

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



			
Invoice			
Summary Information			
Report Type	SD		
Market	MO		
Publication Date	2018-07-06		
Publication Timestamp	[2018-07-29] 2018-07-06T12:15:22		
Participant ID	PT_000000		
Participant Name	Global Power Solutions		
Document ID	1234		
Due Date	2018-07-16		
Document Currency	GBP		
Sender and Recipient Details			
Sender ID	SONI Ltd.	Recipient ID	PT_000000
Sender Name		Recipient Name	
Sender Address	123 Daffodil Lane, Belfast, BT0 0RT, UK	Recipient Address	555 Cherry Blossom Road, Cork, NI
Sender VAT Number		Recipient VAT Number	
VAT Jurisdiction	NI		

3 Useful Links

Document	Link
I-SEM Technical Specification Release 8	http://www.sem-o.com/ISEM/General/I-SEM%20Technical%20Specification,%20Release%208.zip
I-SEM Technical Specification Release 8 – Supporting Files	http://www.sem-o.com/ISEM/General/I-SEM%20Technical%20Specification,%20Release%208%20-%20Supporting%20Files.zip