
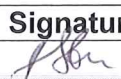


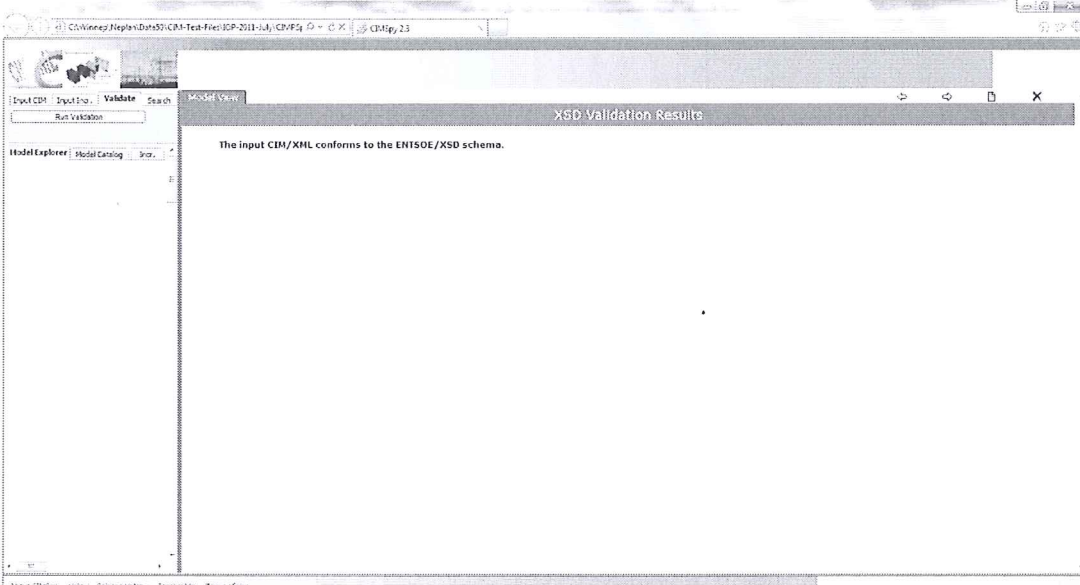
The screenshot shows the CimDesk application running in a Windows Internet Explorer browser. The main window displays the 'Model View' for '[ENTSOE_16_Node_BE_NE_11016h_SV] Validation Results (Power Flow)'. The interface includes a 'Model Explorer' on the left with a tree view of the model structure, and a 'Model Catalog' on the right. The 'Model View' pane shows a table with columns: Type, Class, Recurrence, and Description. The table is currently empty, indicating no errors or warnings were found for this specific model view.

Output from CimDesk merged model:

The screenshot shows the CimDesk application running in a Windows Internet Explorer browser. The main window displays the 'Model View' for '[ENTSOE_16_Node_BE_NE_11016h_EQ] Validation Results (Power Flow)'. The interface includes a 'Model Explorer' on the left with a tree view of the model structure, and a 'Model Catalog' on the right. The 'Model View' pane shows a table with columns: Type, Class, Recurrence, and Description. The table contains several entries, including errors and warnings, indicating issues with the model.

Type	Class	Recurrence	Description
Error	SvInjection	5/5	The SvInjection contains an invalid value for Association SvInjection.TopologicalNode. The referenced object doesn't exist.
Error	Terminal	5/5	The Terminal contains an invalid value for Association Terminal.TopologicalNode. The referenced object doesn't exist.
Warning	ACLineSegment	2/2	Attribute ACLineSegment.r0 is less than or equal to Attribute ACLineSegment.r.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.Icx is undeclared for Class SynchronousMachine in the profile.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.directSaturatedX is undeclared for Class SynchronousMachine in the profile.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.directSubtransSaturatedX is undeclared for Class SynchronousMachine in the profile.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.r1d is undeclared for Class SynchronousMachine in the profile.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.r1q is undeclared for Class SynchronousMachine in the profile.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.r2d is undeclared for Class SynchronousMachine in the profile.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.r2q is undeclared for Class SynchronousMachine in the profile.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.x1d is undeclared for Class SynchronousMachine in the profile.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.x1q is undeclared for Class SynchronousMachine in the profile.



Supplementary files:				
Date	Vendor		Test witness	
11.7.2011	Name	Signature	Name	Signature
	Giatgen Cott		Oana Stanescu	

Test No: 5-2	Profile edition No:2nd	Tool:NEPLAN 5.4.5b	Score: 4
Test files:			
Import		Export	
ENTSOE_16_Node_NE_11J16h.zip from Test 2 ENTSO- E_Boundary_Set_23_June_2011_2ndEdition_EU.zip		ENTSOE_16_Node_NE_11J16h.zip From directory Test 5-2	
Comments/Results/Issues:			
CimSpy gives no errors			
			
Output from CimDesk (SV File)			

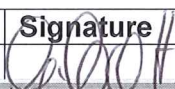

Output from CimDesk merged model:

The screenshot displays the CimDesk application window. The main area shows the validation results for the model [ENTSOE_16_Node_BE_NE_11116h_SV]. The results are categorized by Type, Class, Recurrence, and Description.

Type	Class	Recurrence	Description
Error	SVInjection	5/1	The SVInjection contains an invalid value for Association SVInjection.TopologicalNode. The referenced object doesn't exist.
Error	Terminal	5/2	The Terminal contains an invalid value for Association Terminal.TopologicalNode. The referenced object doesn't exist.
Warning	ACLineSegment	7/7	Attribute ACLineSegment.r0 is less than or equal to Attribute ACLineSegment.r1.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.Ick is undeclared for Class SynchronousMachine in the profile.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.directSaturatedX is undeclared for Class SynchronousMachine in the profile.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.directSubtransSaturatedX is undeclared for Class SynchronousMachine in the profile.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.r1d is undeclared for Class SynchronousMachine in the profile.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.r1q is undeclared for Class SynchronousMachine in the profile.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.r2q is undeclared for Class SynchronousMachine in the profile.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.rfd is undeclared for Class SynchronousMachine in the profile.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.x1d is undeclared for Class SynchronousMachine in the profile.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.x1q is undeclared for Class SynchronousMachine in the profile.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.x2q is undeclared for Class SynchronousMachine in the profile.
Warning	SynchronousMachine	2/2	Property SynchronousMachine.xad is undeclared for Class SynchronousMachine in the profile.

Supplementary files:				
Date	Vendor		Test witness	
11.7.2011	Name	Signature	Name	Signature
	Giatgen Cott		Oana Stanescu	

Test No: 6-1	Profile edition No: 2nd	Tool: NEPLAN 5.4.5b	Score: 4
Test files:			
Import		Export	
ENTSOE_16_Node_NE_11J17h.zip			
Comments/Results/Issues:			

Supplementary files:				
Date	Vendor		Test witness	
11.7.2011	Name	Signature	Name	Signature
	Giatgen Cott		Oana Stanescu	

Test No: 6.2

Profile edition No:2nd

Tool:NEPLAN 5.4.5b

Score: 4

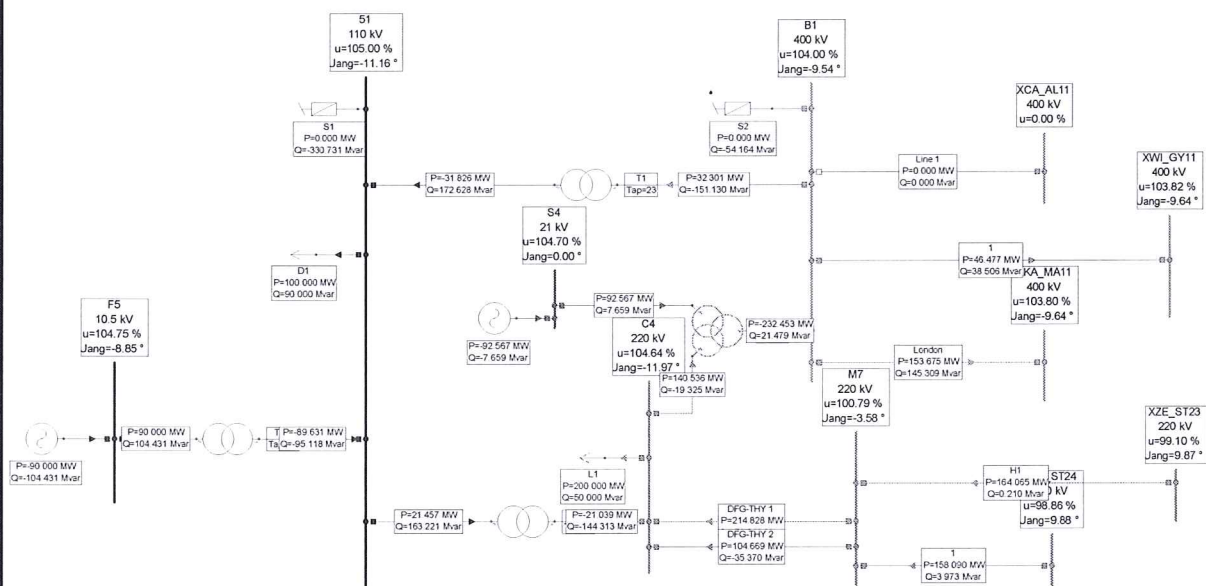
Test files:

Import

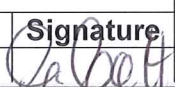
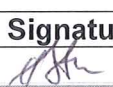
ENTSOE_16_Node_BE_NE_11J17h_NEPLAN.zip

Export

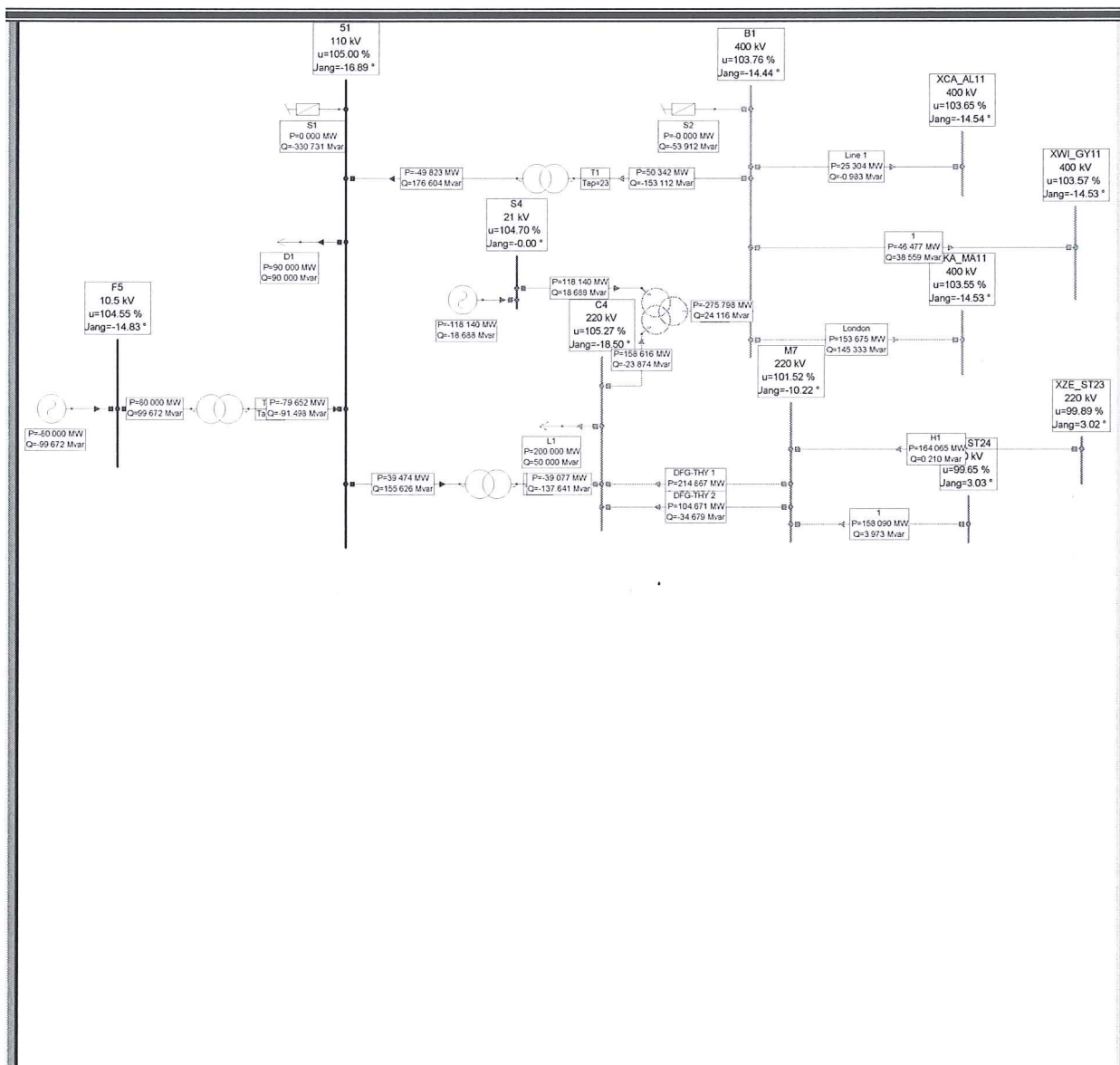
Comments/Results/Issues:





Supplementary files:

Date	Vendor		Test witness	
11.7.2011	Name	Signature	Name	Signature
	Giatgen Cott		Oana Stanescu	

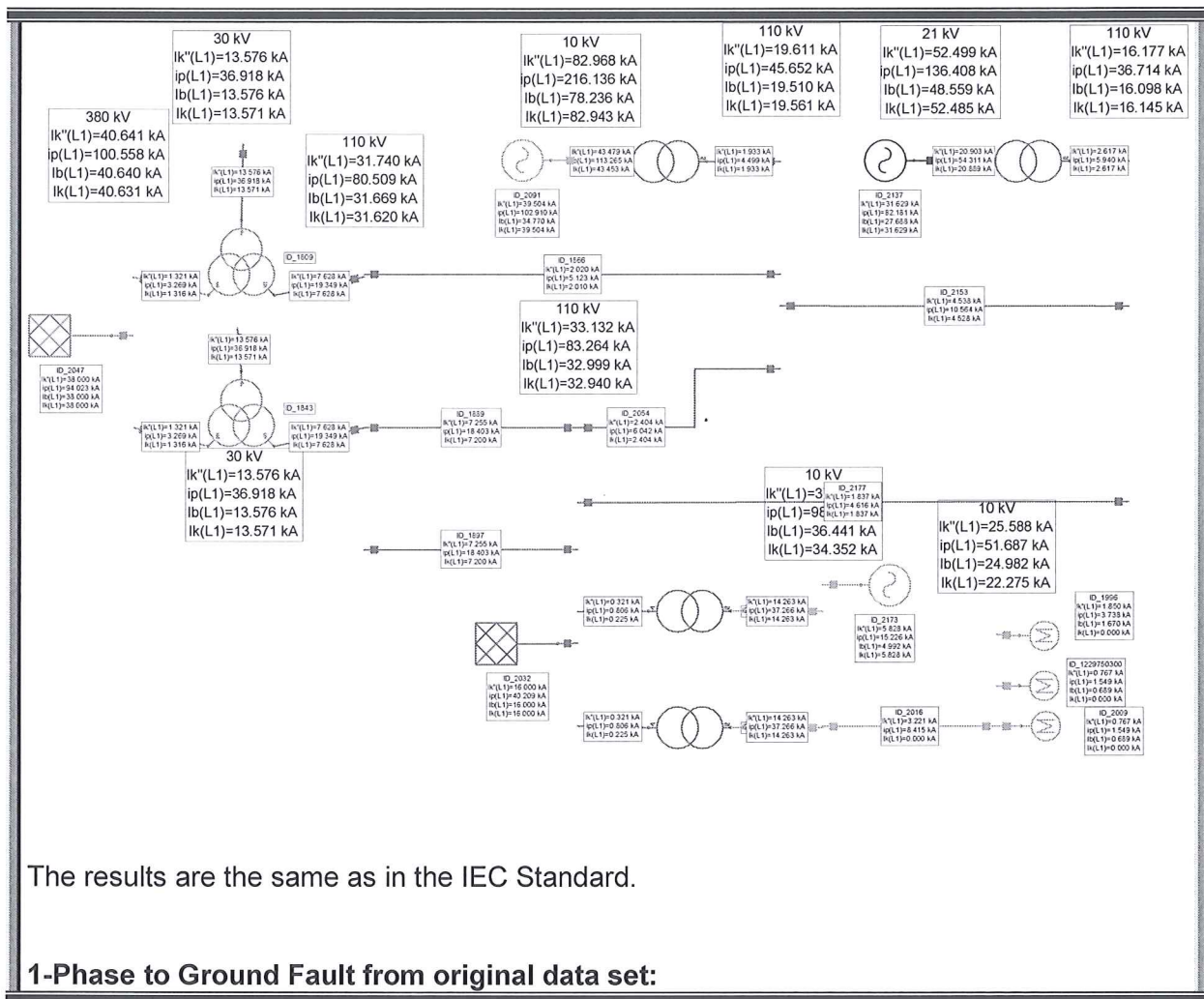
Test and 7.2	No:7.1	Profile edition No:2nd	Tool:NEPLAN 5.4.5b	Score: 4
Test files:				
Import			Export	
For test 7.1: Test-7.1.zip in directory Test-7/Test-7-1 For test 7.2 Test-7.2.zip in directory Test-7/Test-7-2				
Comments/Results/Issues:				
With official test cases				
With exported files from Test 2				

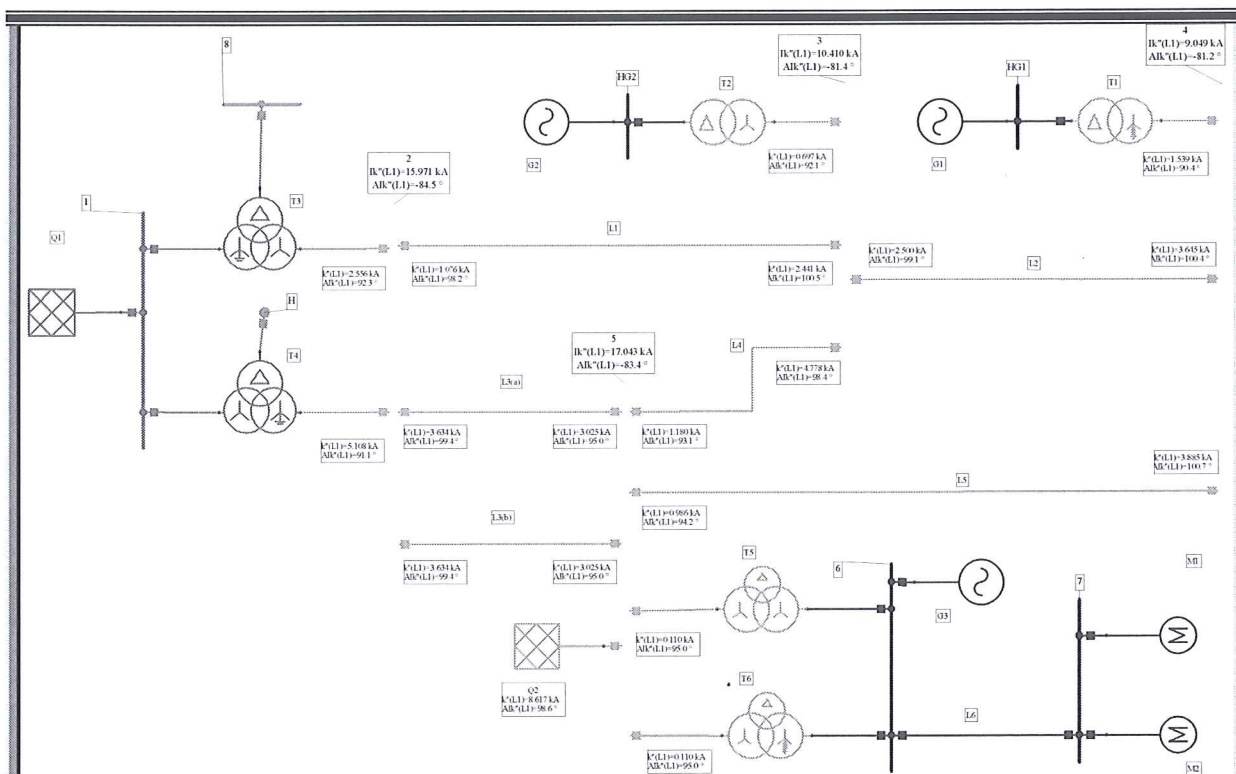


Supplementary files:

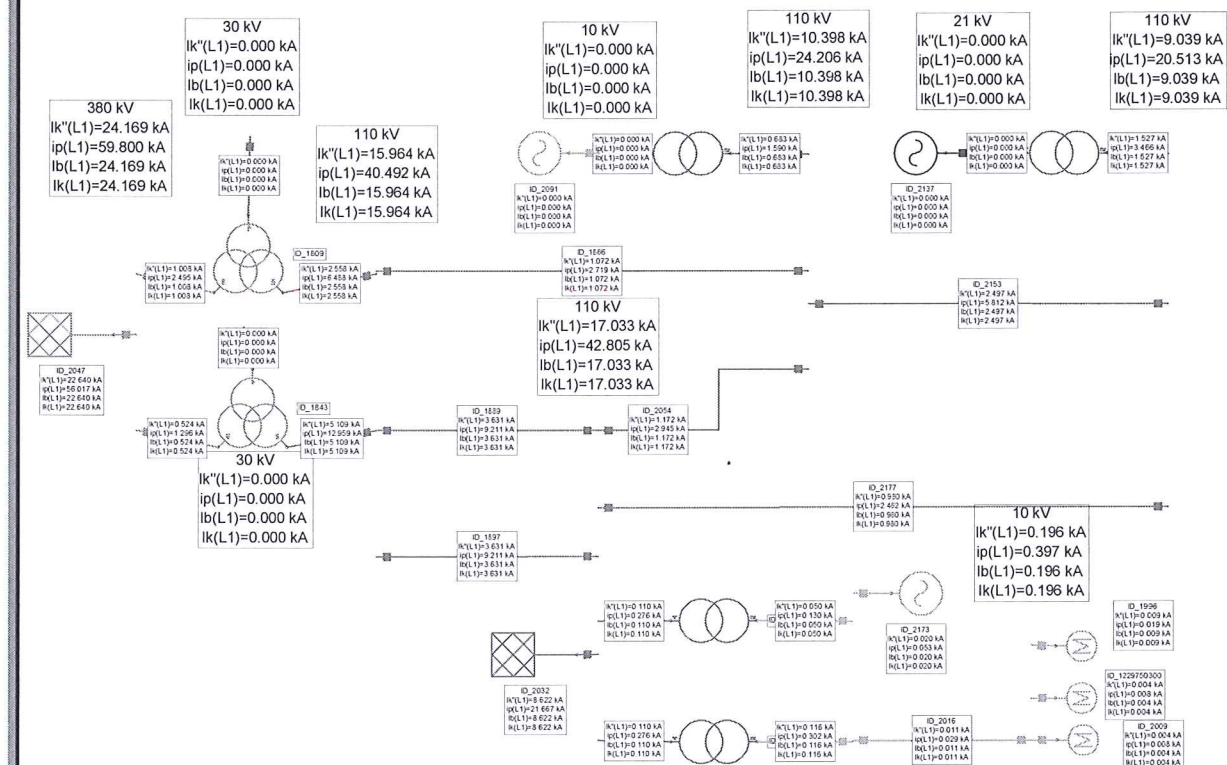
Date	Vendor	Test witness
12.7.2011	Name Giatgen Cott	Signature 
		Name Oana Stanescu
		Signature 

Test No: 8	Profile No:2nd	edition	Tool:NEPLAN 5.4.5b	Score: 4
Test files: Import IEC60909-4_CIM-Test_NE_13J14h.zip from directory test-8				
Export IEC60909-4_CIM-Test_NE_13J14h.zip in directory Test-8				
Comments/Results/Issues: Original IEC Test case (IEC60909-4)				

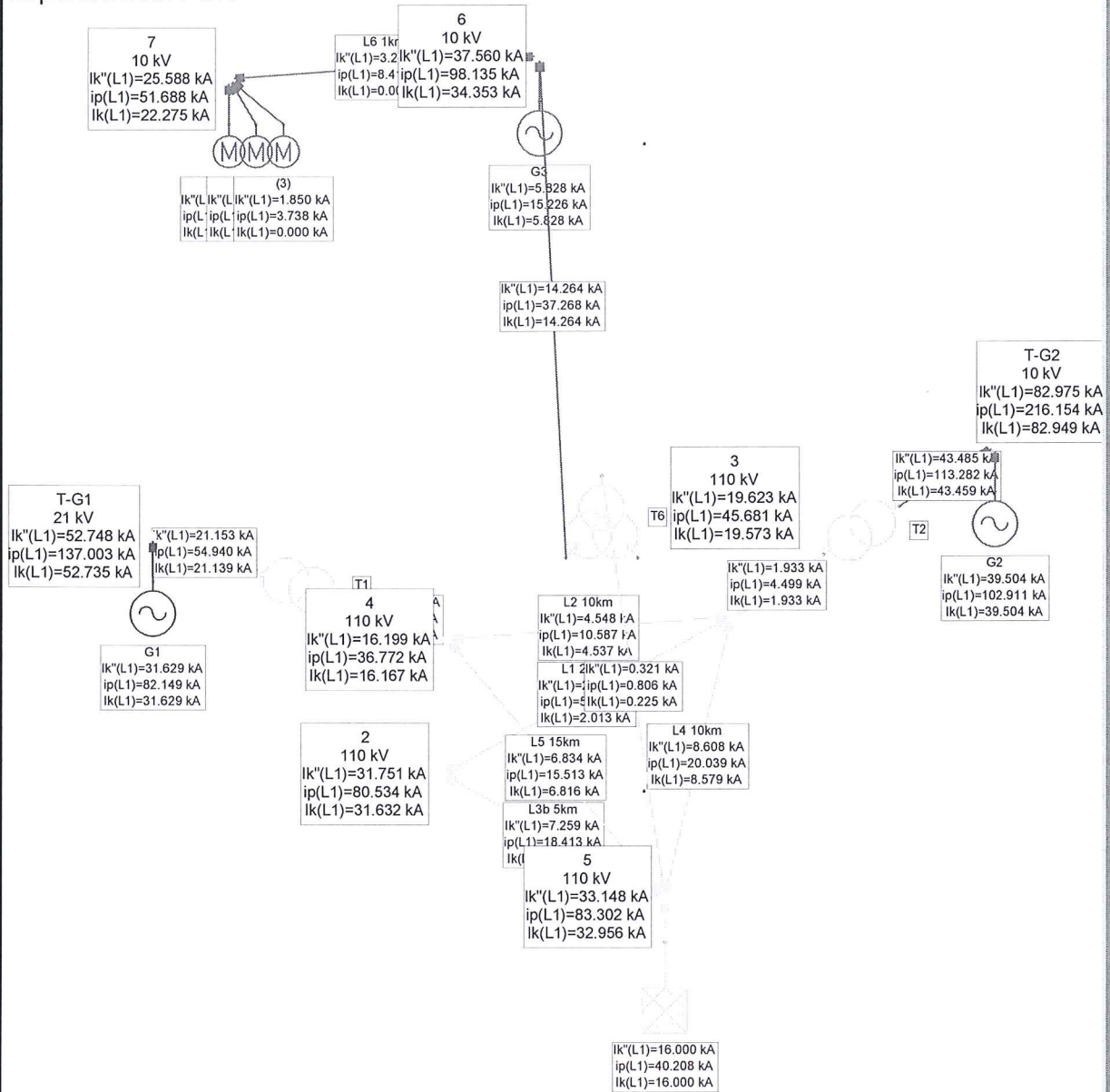


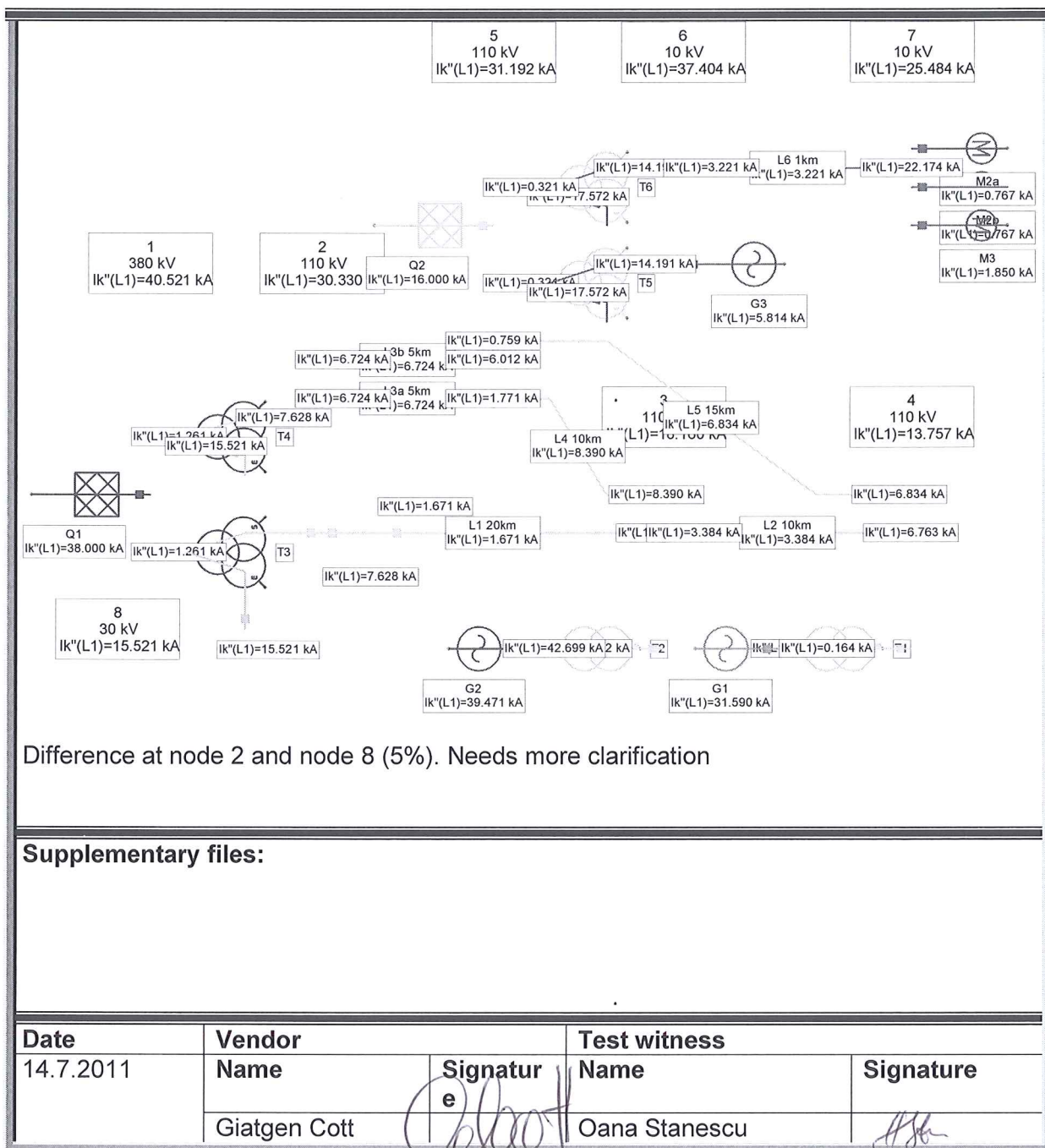


1-Phase to Ground Fault from Exported and Imported file



Imported from FGH





Test No: 9

Profile edition No:2nd

Tool:NEPLAN 5.4.5b

Score: 4

Test files:

Import

ENTSOE_16_BE.zip
 ENTSO-
 E_Boundary_Set_23_June_2011_2ndEdition_EU.zip
 ENTSOE_16_NL.zip

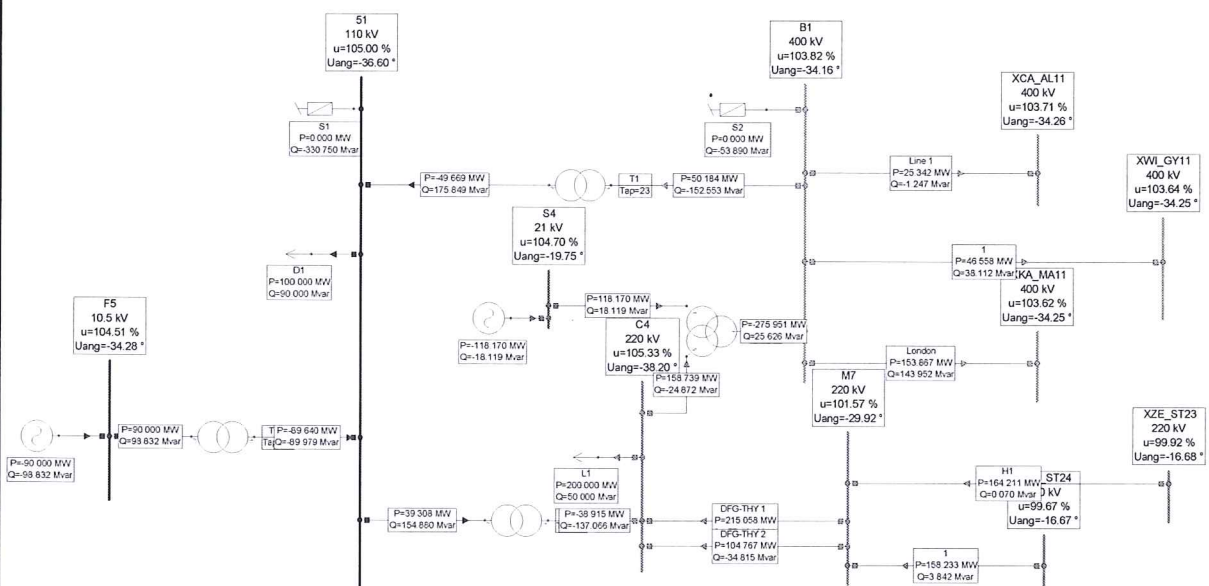
Export

For Solution 2)

ENTSOE_16_Node_NE_11J17h.zip

Comments/Results/Issues:

Results with the merged official test cases (BE and NL)
 Diagram Belgium



Results with the merged official test cases (BE and NL)
 Diagram Netherland