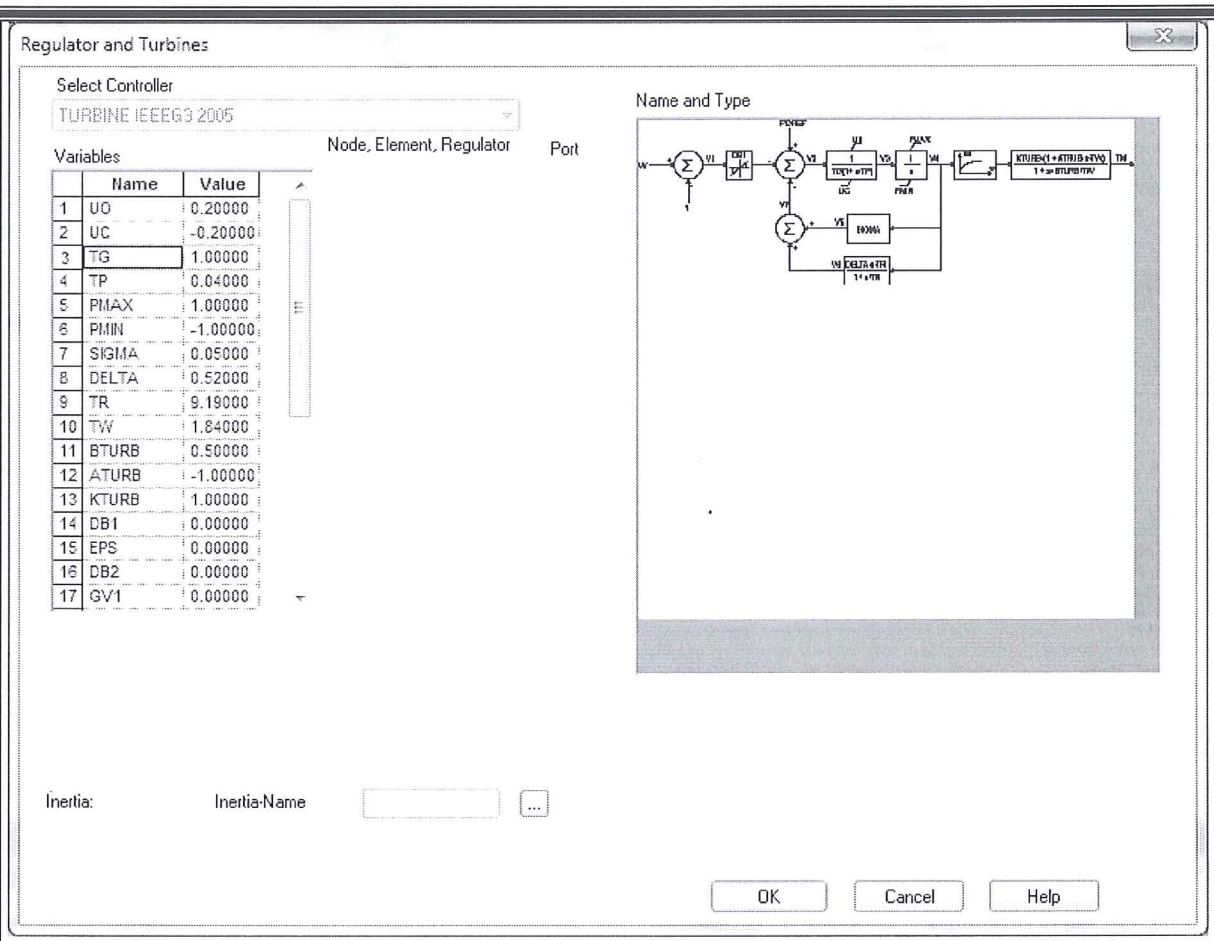


	Name	Value
1	UO	0.20000
2	UC	-0.20000
3	TG	1.00000
4	TP	0.04000
5	PMAX	1.00000
6	PMIN	-1.00000
7	SIGMA	0.05000
8	DELTA	0.52000
9	TR	9.19000
10	TW	1.84000
11	BTURB	0.50000
12	ATURB	-1.00000
13	KTURB	1.00000
14	DB1	0.00000
15	EPS	0.00000
16	DB2	0.00000
17	GV1	0.00000

Supplementary files:

ENTSO-E AISBL • Avenue Cortenbergh 100 • 1000 Brussels • Belgium • Tel +32 2 741 09 50 • Fax +32 2 741 09 51 • info@entsoe.eu • www.entsoe.eu

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

ENTSO-E AISBL • Avenue Cortenbergh 100 • 1000 Brussels • Belgium • Tel +32 2 741 09 50 • Fax +32 2 741 09 51 • info@entsoe.eu • www.entsoe.eu

Test No: 17	Profile edition No:2nd	Tool:NEPLAN 5.4.5b	Score: 4

Test files:

Import	Export
ENTSOE_16_BE.zip ENTSO-E_Boundary_Set_23_June_2011_2ndEdition_EU.zip ENTSOE_16_NL.zip	

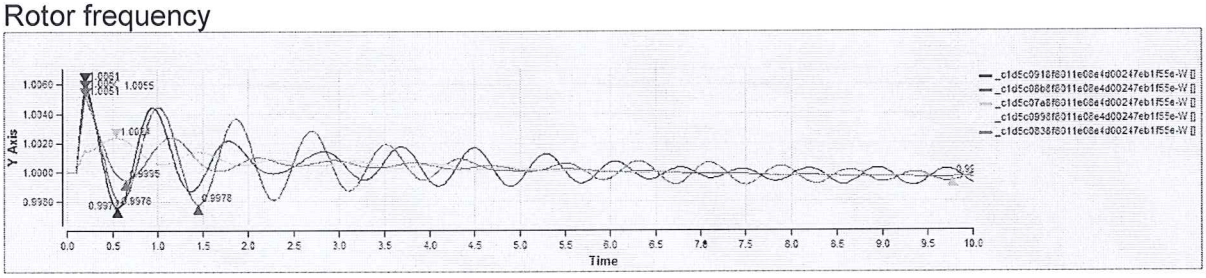
Comments/Results/Issues:

Case 1

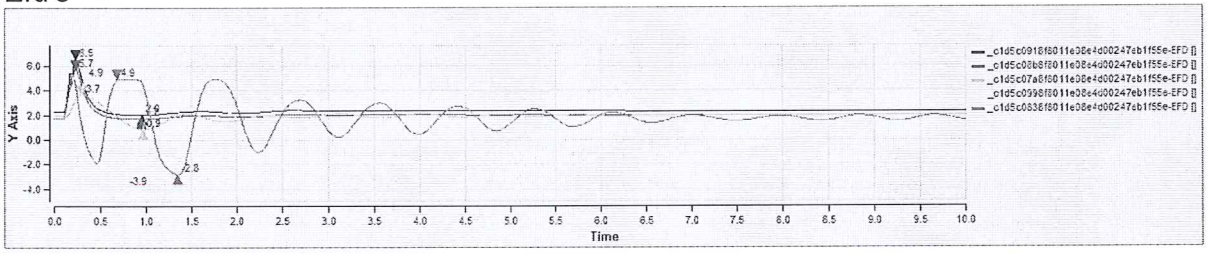
We made a short circuit:

- ➔ at node: _c1d5bfd68f8011e08e4d00247eb1f55e
- ➔ at time: 0.1
- ➔ for 0.1 second
- ➔ simulation time 10s

Rotor frequency



Efd's



Case 2

Unbalanced fault (1-Phase to ground)

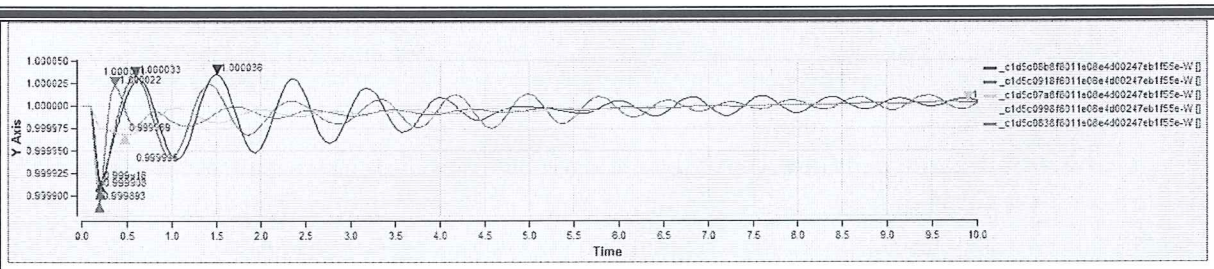
At node: _c1d5bfd68f8011e08e4d00247eb1f55e

At time: 0.1

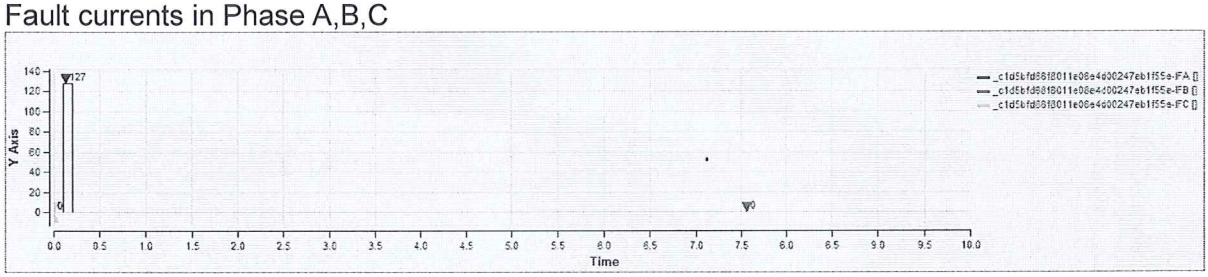
For 0.1s

Efd

ENTSO-E AISBL • Avenue Cortenbergh 100 • 1000 Brussels • Belgium • Tel +32 2 741 09 50 • Fax +32 2 741 09 51 • info@entsoe.eu • www.entsoe.eu



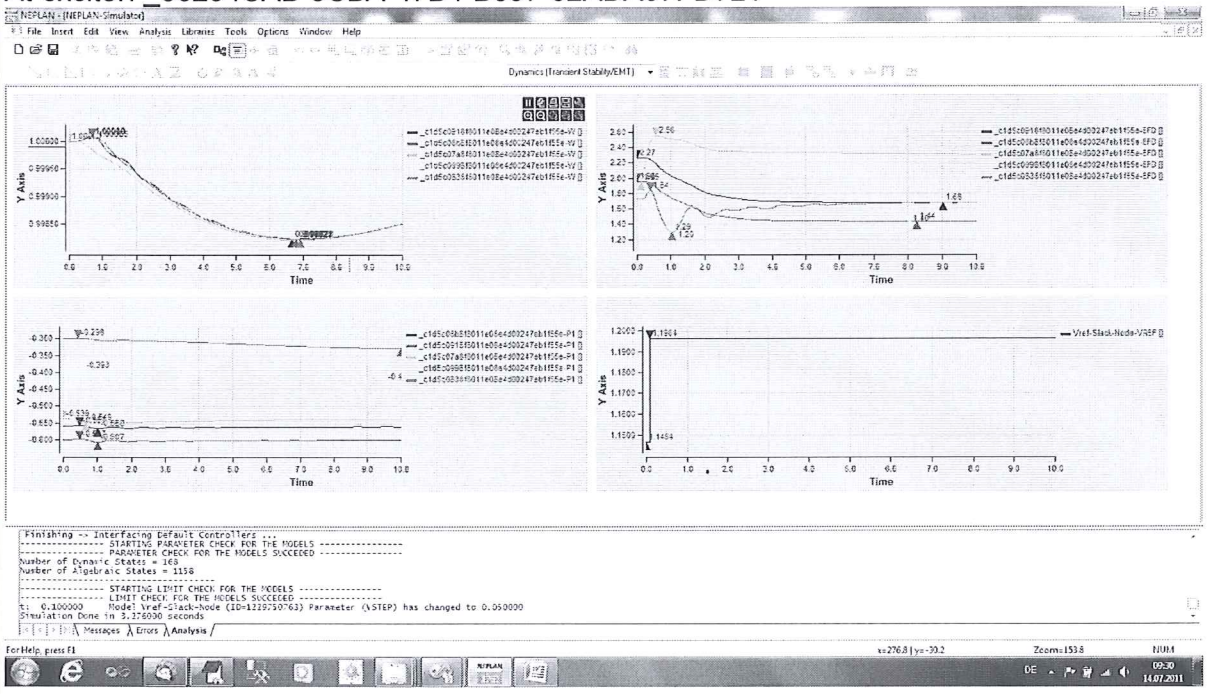
Fault currents in Phase A,B,C



Case 3

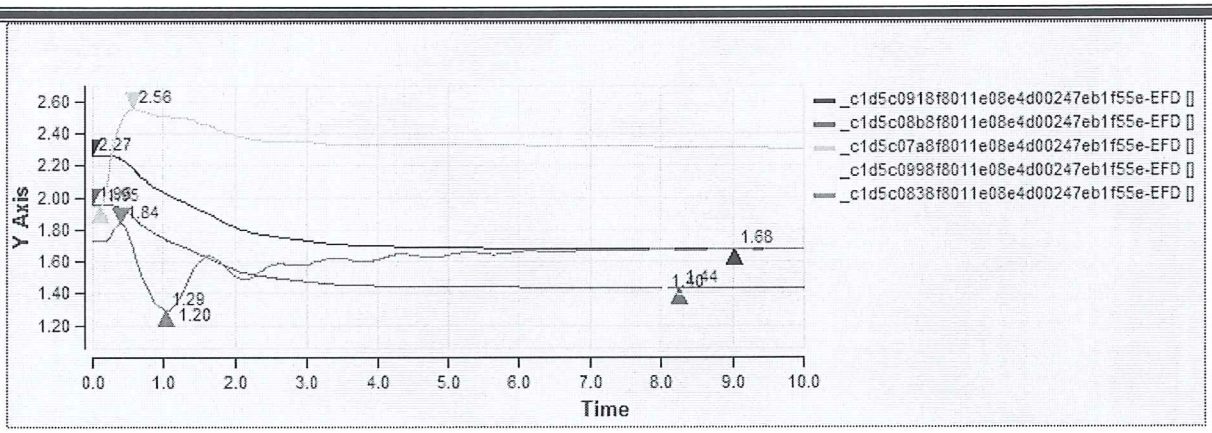
Vref change 0.05

At exciter: _06254CAB-3CBA-47B4-B057-02ADA07FD721

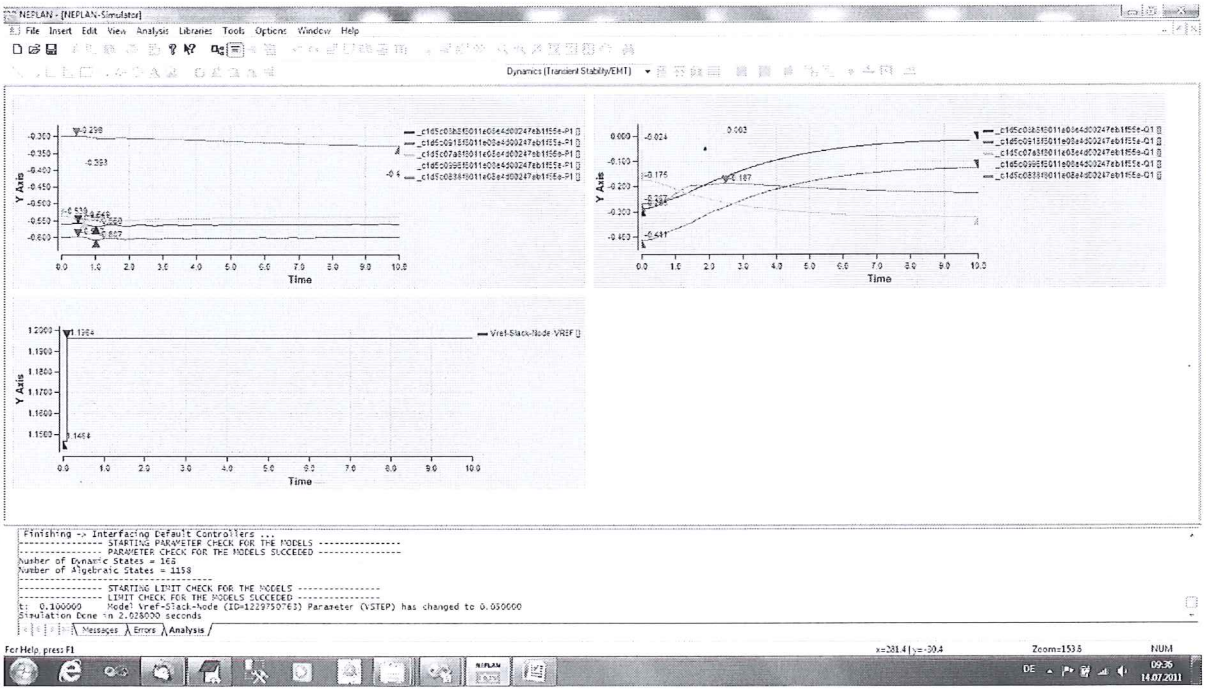


Efd of the generators

ENTSO-E AISBL • Avenue Cortenbergh 100 • 1000 Brussels • Belgium • Tel +32 2 741 09 50 • Fax +32 2 741 09 51 • info@entsoe.eu • www.entsoe.eu

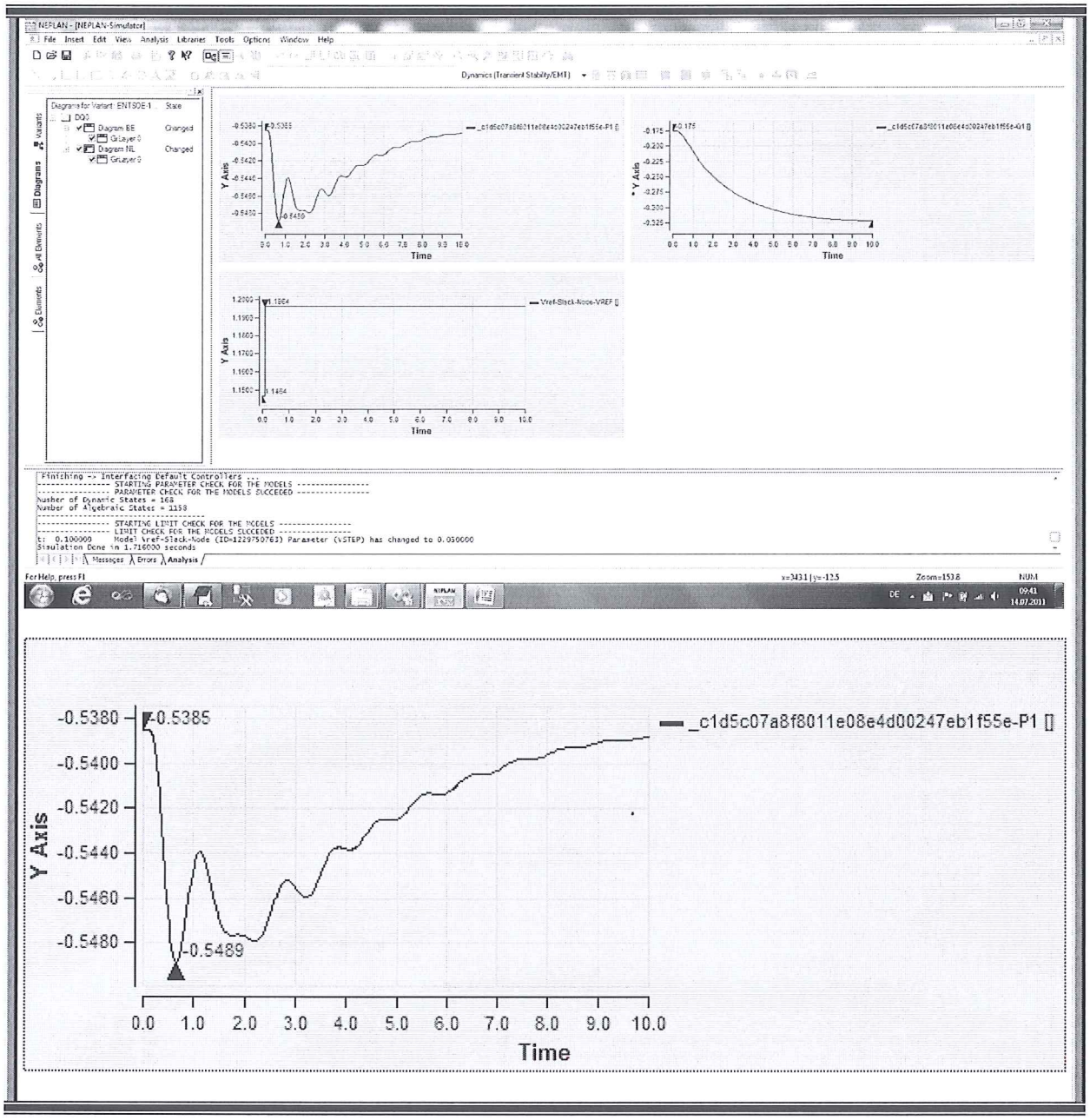


P and Q and Vref of the Generators

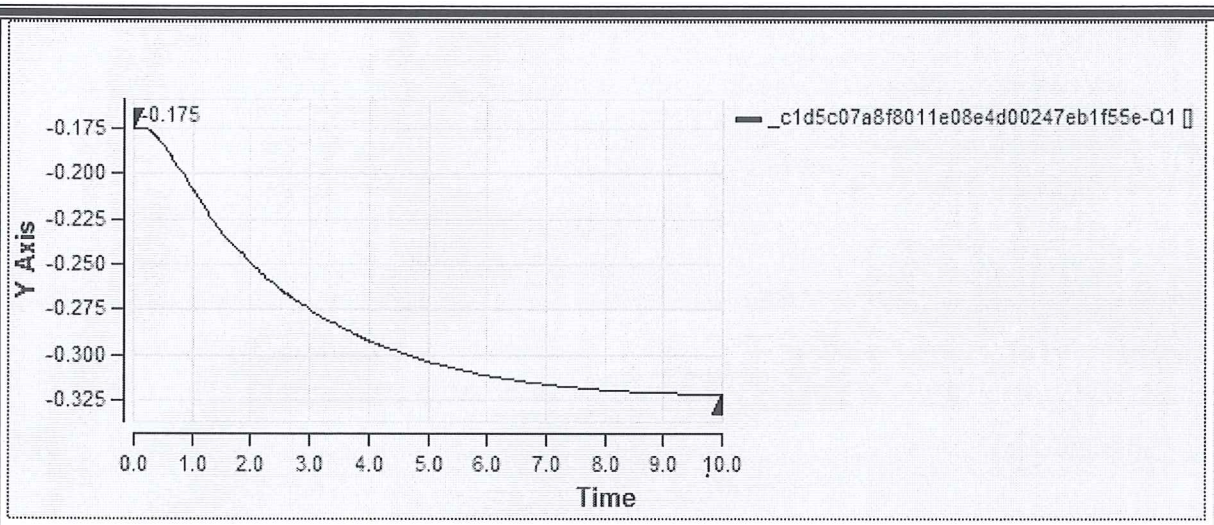


Results of the Generator P and Q:
_c1d5c07a8f8011e08e4d00247eb1f55e

ENTSO-E AISBL • Avenue Cortenbergh 100 • 1000 Brussels • Belgium • Tel +32 2 741 09 50 • Fax +32 2 741 09 51 • info@entsoe.eu • www.entsoe.eu



ENTSO-E AISBL • Avenue Cortenbergh 100 • 1000 Brussels • Belgium • Tel +32 2 741 09 50 • Fax +32 2 741 09 51 • info@entsoe.eu • www.entsoe.eu



Supplementary files:

Date	Vendor		Test witness	
14.7.2011	Name	Signature	Name	Signature
	Giatgen Cott		Oana Stanescu	

ENTSO-E AISBL • Avenue Cortenbergh 100 • 1000 Brussels • Belgium • Tel +32 2 741 09 50 • Fax +32 2 741 09 51 • info@entsoe.eu • www.entsoe.eu

Test No: 29	Profile edition No:2nd	Tool:NEPLAN 5.4.5b	Score: 3

Test files:

Import	Export
ge1_operational.zip	

Comments/Results/Issues:

We have imported the files. Data looks ok. One Series Compensator lacks of data.
Many unconnected Switches.
In the SV file we think it should be

Load Flow was running.

Type	Number of Elements	Number of Graphics	without Graphics
Shunt	35	0	35
Line	234	0	234
Load	152	0	152
Synchronous Machine	55	0	55
Station	4	0	4
Series RLC	1	0	1
2W Transformer	109	0	109
Node	263	0	263
Circuit-Breaker	998	0	998

Supplementary files:
Result LF:
Result-Test-29.docx

Date	Vendor		Test witness	
15.7.2011	Name	Signature	Name	Signature
	Giatgen Cott		Oana Stanescu	

ENTSO-E AISBL • Avenue Cortenbergh 100 • 1000 Brussels • Belgium • Tel +32 2 741 09 50 • Fax +32 2 741 09 51 • info@entsoe.eu • www.entsoe.eu

Test No: 31	Profile edition No:2nd	Tool:NEPLAN 5.4.5b	Score: 4

Test files:

Import	Export
From directory Test-31 ENTSOE_16_BE.zip	

Comments/Results/Issues:

We have changed th Profile Uri in Equipment file

<md:Model.profile>http://i-452/Equipment/2</md:Model.profile>

----> EQ-File: C:\WINNEP\NEPLAN\DATA50\CIM-TEST-FILES\IOP-2011-JULY\EXAMPLES\BOUNDARY-SET\ENTSO-E_Boundary_Set_28_June_2011_2ndEdition_EU_EQ.xml.Temp
---
----> EQ-File: C:\WINNEP\NEPLAN\DATA50\CIM-TEST-FILES\IOP-2011-JULY\EXAMPLES\ENTSO-E-16-NODE\NEWEST\TEST-31\ENTSOE_16_BE_EQ.xml.Temp
NPL Error: CheckModelHeaderFiles: error in Profile.uri http://i-452/Equipment/2 uri not found!

Supplementary files:

Date	Vendor		Test witness	
15.7.2011	Name	Signature	Name	Signature
	Giatgen Cott		Oana Stanescu	

ENTSO-E AISBL • Avenue Cortenbergh 100 • 1000 Brussels • Belgium • Tel +32 2 741 09 50 • Fax +32 2 741 09 51 • info@entsoe.eu • www.entsoe.eu

Test No:32	Profile edition No:2nd	Tool:NEPLAN 5.4.5b	Score:4

Test files:

Import	Export
E_Boundary_Set_23_June_2011_2ndEdition_EU.zip For test Netherland ENTSOE_16_NL.zip /Test-32/ENTSOE_16_Node_NE_12J16h.zip	/Test-32/ENTSOE_16_Node_NE_12J16h.zip

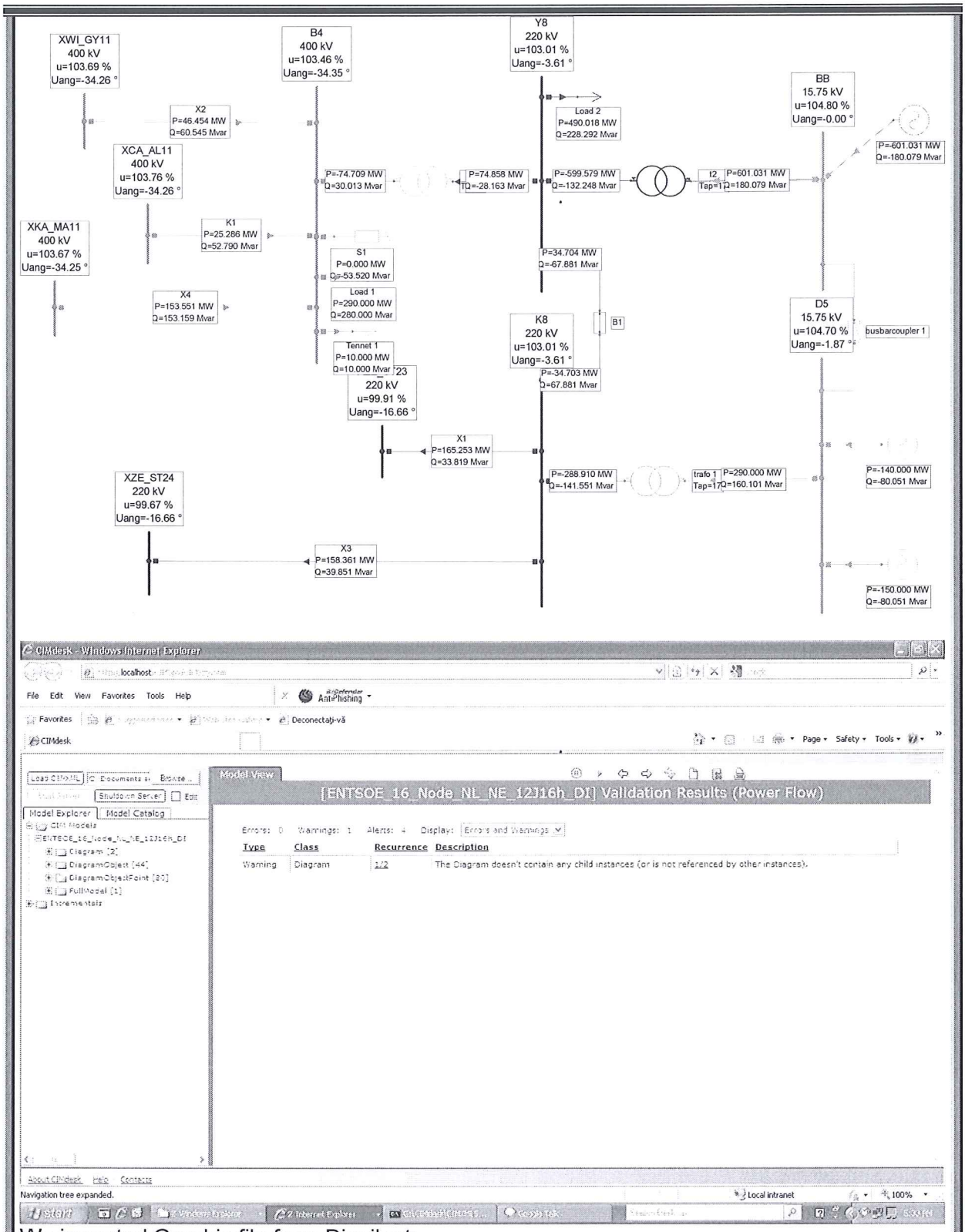
Comments/Results/Issues:

We moved the generator: _c1d5c07a8f8011e08e4d00247eb1f55e

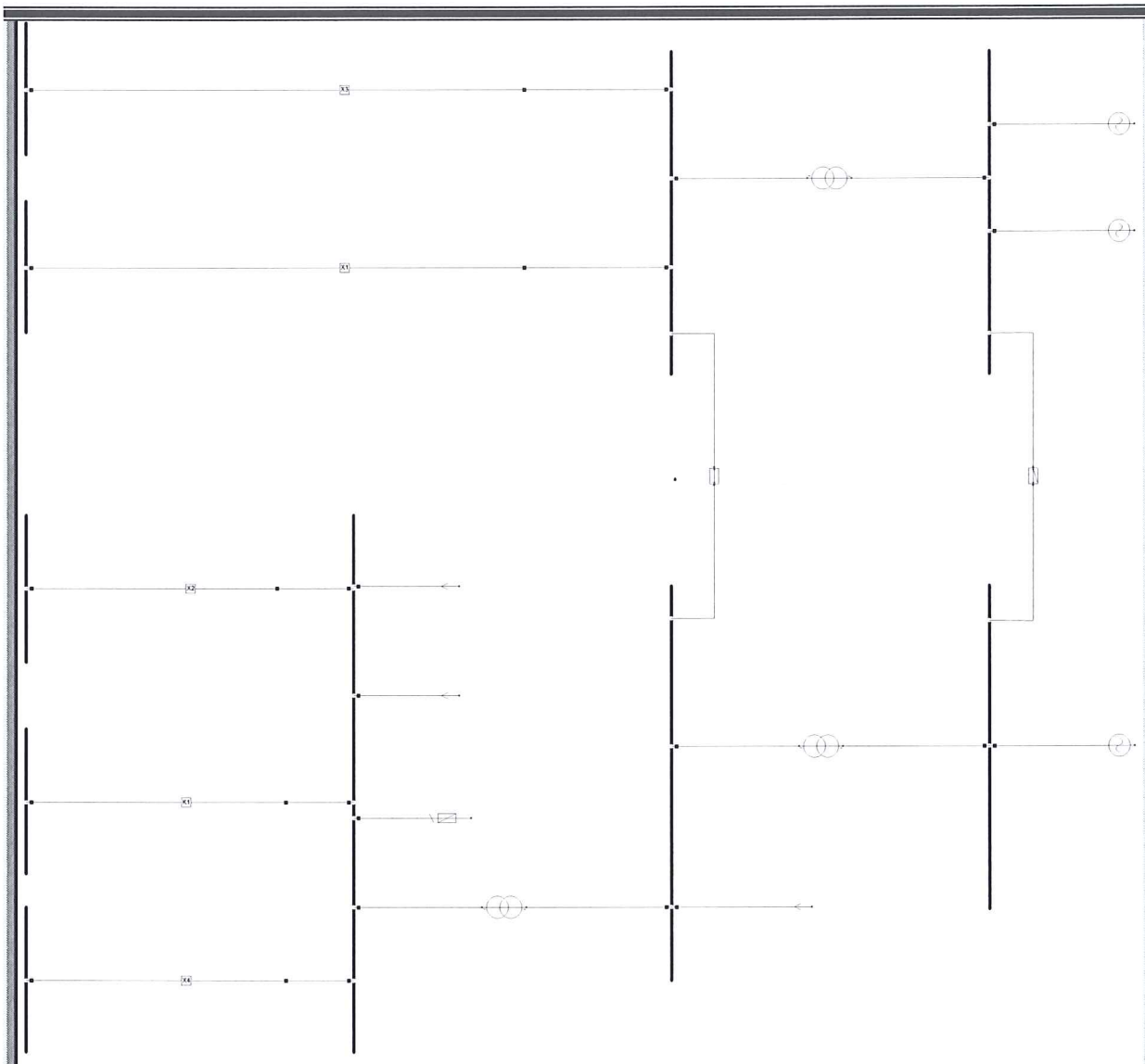
Then export to:
/Test-32/ENTSOE_16_Node_NE_12J16h.zip

And then Import ENTSOE_16_NL.zip
without graphic
and then import only the graphic file in
/Test-32/ENTSOE_16_Node_NE_12J16h.zip

ENTSO-E AISBL • Avenue Cortenbergh 100 • 1000 Brussels • Belgium • Tel +32 2 741 09 50 • Fax +32 2 741 09 51 • info@entsoe.eu • www.entsoe.eu



We imported Graphic file from Digsilent:



Supplementary files:

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

ENTSO-E AISBL • Avenue Cortenbergh 100 • 1000 Brussels • Belgium • Tel +32 2 741 09 50 • Fax +32 2 741 09 51 • info@entsoe.eu • www.entsoe.eu