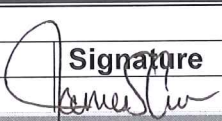
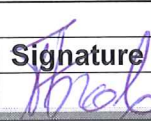




TOOL SUMMARY FORM (PER TOOL)


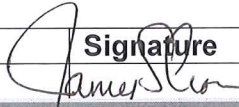
[illegible]

SINGLE TEST RECORD FORM

Test No:1_1	Profile edition No:1	Tool:pslf	Score:4
Test files:			
Import		Export	
ENTSO-E16nodes_part_BE_v11July_EQ.xml ENTSO-E16nodes_part_BE_v11July_SV.xml ENTSO-E16nodes_part_BE_v11July_TP.xml			
Comments/Results/Issues:			
First execution of Test 1 is done with BE MAS.			
Supplementary files:			
Date	Vendor	Test witness	
11.07.2011	Name GE Energy	Name Georgi Bozukov	Signature
			

Test No:1_2	Profile edition No:1	Tool:pslf	Score:4
Test files:			
Import		Export	
ENTSO-E16nodes_part_NL_v11July_EQ.xml ENTSO-E16nodes_part_NL_v11July_TP.xml ENTSO-E16nodes_part_NL_v11July_SV.xml			
Comments/Results/Issues:			
Second execution of Test 1 is done with NL MAS.			
Supplementary files:			
Test1_NL.png			
Date	Vendor	Test witness	
12.07.2011	Name GE Energy	Name Georgi Bozukov	Signature
			

Test No:2_1	Profile edition No:1	Tool:pslf	Score:4
Test files:			
Import		Export	
		ENTSO-E_16_PS_11J16h_EQ.xml ENTSO-E_16_PS_11J16h_TP.xml ENTSO-E_16_PS_11J16h_SV.xml	
Comments/Results/Issues:			
First execution of Test 2 is done with BE MAS.			
Supplementary files:			
T02E1_SCREENSHOT.JPG			
Date	Vendor	Test witness	
11.07.2011	Name	Name	Signature
	GE Energy	Georgi Bozukov	

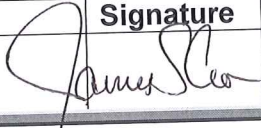

Test No:2_2	Profile edition No:1	Tool:pslf	Score:4
Test files:			
Import		Export	
		ENTSO-E_16_PS_12J18h_EQ.xml ENTSO-E_16_PS_12J18h_TP.xml ENTSO-E_16_PS_12J18h_SV.xml	
Comments/Results/Issues:			
Second execution of Test 2 is done with NL MAS.			
Supplementary files:			
Test2_NL.png T02_2E1_VALIDATION_NO_BOUNDARY.PNG			
Date	Vendor	Test witness	
12.07.2011	Name	Name	Signature
	GE Energy	Georgi Bozukov	
			

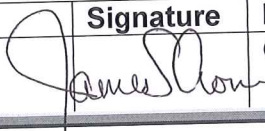
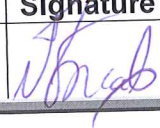
Test No:3_1		Profile edition No:1		Tool:pslf		Score:4	
Test files:							
Import				Export			
ENTSO-E16nodes_part_BE_v11July_EQ.xml ENTSO-E16nodes_part_BE_v11July_SV.xml ENTSO-E16nodes_part_BE_v11July_TP.xml							
Comments/Results/Issues:							
Supplementary files:							
ODMS_Loadflow_BE.pdf T03_1E1_BUS_51_110kV_SCAN.JPG T03_1E1_BUS_B1_4000kV_SCAN.JPG							
Date		Vendor		Test witness			
12.07.2011		Name		Name		Signature	
		GE Energy		Georgi Bozukov			

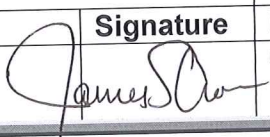

Test No:3_2	Profile edition No:1	Tool:pslf	Score:4
Test files:			
Import		Export	
ENTSO-E16nodes_part_NL_v11July_EQ.xml ENTSO-E16nodes_part_NL_v11July_TP.xml ENTSO-E16nodes_part_NL_v11July_SV.xml			
Comments/Results/Issues:			
Second execution of Test 3 is done with NL MAS.			
Supplementary files:			
Loadflow.pdf (ODMS load flow from TEST_1 performed with NL MAS) NL-BB-15-75 Scan.bmp NL-K8-220 Scan.bmp NL-Y8-220 Scan.bmp			
Date	Vendor	Test witness	
12.07.2011	Name	Name	Signature
	GE Energy	Georgi Bozukov	

Test No: 4_1	Profile edition No: 1	Tool: pslf	Score: 4
Test files:			
Import		Export	
ENTSO-E_Boundary_Set_4_May_2011_EU_EQ.xml ENTSO-E_Boundary_Set_4_May_2011_EU_TP.xml ENTSO-E16nodes_part_BE_v11July_EQ.xml ENTSO-E16nodes_part_BE_v11July_TP.xml ENTSO-E16nodes_part_BE_v11July_SV.xml		ENTSO-E_16_PS_15J11h_73848df7_1_SV.xml ENTSO-E_16_PS_15J11h_73848df7_1_TP.xml	
Comments/Results/Issues:			
Line from Bus_B1 to Bus_XCA_AL11.			
Supplementary files:			
Test4_LineB1_11_Outage.bmp Test4_Solution.bmp			
Date	Vendor	Signature	Test witness
15.07.2011	Name	Name	Signature
	GE Energy	Georgi Bozukov	

Test No: 5_1	Profile edition No: 1	Tool: pslf	Score: 4
Test files:			
Import		Export	
ENTSO-E16nodes_part_NL_v11July_EQ.xml		ENTSO-E_16_PS_13J09h_SV.xml	
ENTSO-E16nodes_part_NL_v11July_TP.xml			
ENTSO-E16nodes_part_NL_v11July_SV.xml			
Comments/Results/Issues:			
Test performed with NL MAS.			
Solution changes applied:			
<ul style="list-style-type: none"> - Both Gen1 and Gen2 at bus_D5 have active power output reduced by 10 MW; - Scheduled voltage at bus_D5 changed to 1.05; - Scheduled voltage at bus_B4 changed to 1.05. 			
Supplementary files:			
NL-initial-D5-15-75.bmp			
NL-initial-B4-400.bmp			
NL-changed-B4-400.bmp			
NL-changed-D5-15-75.bmp			
T05_1E1_VALIDATION_NO_BOUNDARY.JPG			
T05_1E1_VALIDATION_ActiveOutput_reduced.JPG			
Date	Vendor	Test witness	
13.07.2011	Name	Name	Signature
	GE Energy	Georgi Bozukov	

Test No:6_1	Profile edition No:1	Tool:pslf	Score:4
Test files:		Export	
Import ENTSO-E_Boundary_Set_4_May_2011_EU_EQ.xml ENTSO-E_Boundary_Set_4_May_2011_EU_TP.xml ENTSO-E16nodes_part_BE_v11July_EQ.xml ENTSO-E16nodes_part_BE_v5July_TN_11J16h15_SV.xml ENTSO-E16nodes_part_BE_v5July_TN_11J16h15_TP.xml			
Comments/Results/Issues: Test performed using SV and TP from Test_4 from DMS_Group_EKC			
Supplementary files: T06_1E1_BE_PSLF_flow_results.bmp Gen Scan- F5-10-5.bmp			
Date	Vendor	Test witness	
13.07.2011	Name GE Energy	Name Georgi Bozukov	Signature
			

Test No:7_1	Profile edition No:1	Tool:pslf	Score:4
Test files:			
Import		Export	
ENTSO-E_Boundary_Set_4_May_2011_EU_EQ.xml ENTSO-E_Boundary_Set_4_May_2011_EU_TP.xml ENTSO-E16nodes_part_BE_v11July_EQ.xml ENTSO-E16nodes_part_BE_v11July_TP.xml ENTSO-E16nodes_part_BE_v5July_TN_11J16h15_SV.xml			
Comments/Results/Issues: Test performed using SV from Test_5 from DMS_Group_EKC			
Supplementary files: Test5.1_b_1st_12J10h45.jpg (from Test 5 from DMS_Group_EKC) Test7_Bus Scan 51-110.bmp Test7_Bus Scan B1-400.bmp Test7_Bus Scan C4-220.bmp Test7_Bus Scan S4-21.bmp Test7_Validation.JPG			
Date	Vendor	Test witness	
13.07.2011	Name GE Energy	Signature 	Name Georgi Bozukov
			Signature 

Test No:9_1	Profile edition No:1	Tool:pslf	Score:3
Test files:			
Import		Export	
ENTSO-E_Boundary_Set_4_May_2011_EU_EQ.xml ENTSO-E_Boundary_Set_4_May_2011_EU_TP.xml ENTSO-E16nodes_part_BE_v11July_EQ.xml ENTSO-E16nodes_part_BE_v11July_TP.xml ENTSO-E16nodes_part_BE_v11July_SV.xml ENTSO-E16nodes_part_NL_v11July_EQ.xml ENTSO-E16nodes_part_NL_v11July_TP.xml ENTSO-E16nodes_part_NL_v11July_SV.xml		ENTSO-E_16_Mrg_PS_15J10h_0620c767_1_SV.xml ENTSO-E_16_Mrg_PS_15J10h_0620c767_1_TP.xml ENTSO-E_16_Mrg_PS_15J10h_0620c767_1_EQ.xml ENTSO-E_16_Mrg_PS_15J10h_16ed0b80_2_TP.xml ENTSO-E_16_Mrg_PS_15J10h_16ed0b80_2_EQ.xml ENTSO-E_16_Mrg_PS_15J10h_5caa0e91_3_TP.xml ENTSO-E_16_Mrg_PS_15J10h_5caa0e91_3_EQ.xml	
Comments/Results/Issues:			
<p>First part of Test 9 completed successfully. Two MAS (BE + NL) + boundary imported, solved and validated.</p> <p>Minor problems met with updating one of the MAS. Test covered partly. Problem discovered and will be resolved.</p>			
Supplementary files:			
T09_1E1_validation_report_part1.JPG Test9_load flow results.bmp Test9_load flow results.bmp			
Date	Vendor	Signature	Test witness
15.07.2011	Name GE Energy		Name Georgi Bozukov
			Signature 

Test No: 10_1	Profile edition No: 1	Tool: pslf	Score: 4
Test files:			
Import		Export	
ENTSO-E_16_EU_PS_14J15h_77eefb3f_1_TP.xml ENTSO-E_16_EU_PS_14J15h_77eefb3f_1_SV.xml ENTSO-E_16_EU_PS_14J15h_77eefb3f_1_EQ.xml ENTSO-E_16_EU_PS_14J15h_15b54727_2_TP.xml ENTSO-E_16_EU_PS_14J15h_15b54727_2_EQ.xml ENTSO-E_16_EU_PS_14J15h_61a910cf_3_TP.xml ENTSO-E_16_EU_PS_14J15h_61a910cf_3_EQ.xml			
Comments/Results/Issues:			
Load Flow results from Test 9 compared with ones from Siemens.			
Supplementary files:			
Loadflow_Diagram_Solution1.pdf (From Siemens) Test 10_B1_400 Bus Scan.bmp Test 10_B4_400 Bus Scan.bmp Test 10_K8_220 Bus Scan.bmp Test 10_Flow_Summary.bmp			
Date	Vendor	Test witness	
14.07.2011	Name	Name	Signature
	GE Energy	Georgi Bozukov	