
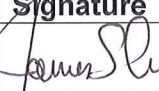

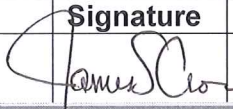



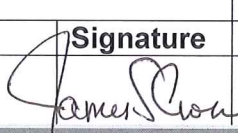

TOOL SUMMARY FORM (PER TOOL)

Vendor/Tool: PSLF				Profile edition No:2					
Witnessed by									
Name	Signature	Name	Signature						
1. Georgi Bozukov		9.							
2.		10.							
3.		11.							
4.		12.							
5.		13.							
6.		14.							
7.		15.							
8.		16.							
Performed tests									
Test No	Score	Test No	Score	Test No	Score	Test No	Score	Test No	Score
1-1	4								
2-1	4								
3-1	4								
4-1	4								
5-1	4								
6-1	4								
7-1	4								
9-1	3								
10-1	4								
15-1	4								
16-1	3								
17-1	3								
Comments:									
Date	Vendor GE ENERGY			ENTSO-E					
15/7/11	Name			Signature		Name		Signature	
	JAMES S. CRONEN					Chavdar Ivanov			

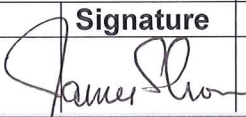

SINGLE TEST RECORD FORM

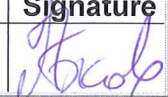
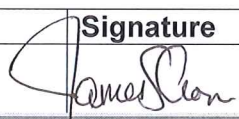
Test No:1_1	Profile edition No:2	Tool:pslf	Score:4
Test files:			
Import		Export	
ENTSOE_16_BE.zip			
Comments/Results/Issues:			
<p>First execution of Test 1 is done with BE MAS. As seen from the validation report there are instances from class Name that are missing required attribute Name.name. This is due that for the instances concerned there is no name specification in the test case.</p>			
Supplementary files:			
test1-BE-solved.bmp T01_1E2_VALIDATION.JPG TEST1_IMPORT_SCREENSHOT.docx			
Date	Vendor	Signature	Test witness
13.07.2011	Name	Name	Signature
	GE Energy	Georgi Bozukov	

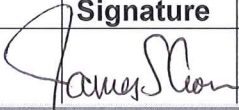

Test No:2_1	Profile edition No:2	Tool:pslf	Score:4
Test files:			
Import		Export	
		out.zip	
Comments/Results/Issues:			
<p>Performed by exporting data imported in Test 1. As seen from the validation report there are instances from class Name that are missing required attribute Name.name. This is due that for the instances concerned there is no name specification in the test case.</p>			
Supplementary files:			
T01_1E2_VALIDATION.JPG TEST1_IMPORT_SCREENSHOT.docx T02_1E2_SHUN_RDFID_EXPORTED.JPG T02_1E2_SHUN_RDFID_TEST_CASE.JPG			
Date	Vendor	Test witness	
13.07.2011	Name GE Energy	Name Georgi Bozukov	Signature
			

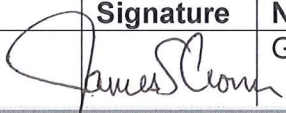

Test No:3_1	Profile edition No:2	Tool:pslf	Score:4
Test files:			
Import		Export	
ENTSOE_16_NL.zip ENTSO-E_Boundary_Set_28_June_2011_2ndEdition_EU.zip			
Comments/Results/Issues:			
Performed by using NL test case. Load flow results compared with ones from BCP Busarello + Cott + Partner AG			
Supplementary files:			
Test3- NL- Bus B4 Scan.bmp Test3- NL- Bus Y8 Scan.bmp			
Date	Vendor	Test witness	
13.07.2011	Name GE Energy	Name Georgi Bozukov	Signature
			


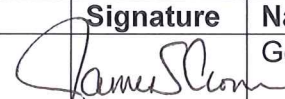
Test No: 4_1	Profile edition No: 2	Tool: pslf	Score: 4
Test files:			
Import		Export	
ENTSOE_16_BE.zip			
Comments/Results/Issues:			
<p>Performed by using BE test case. Switched tie-line between bus B1 and bus XCA_AL11.</p>			
Supplementary files:			
T04_1E2_VALIDATION.JPG Test4_Solution.bmp Test4_XCA_AL11_400 Bus Scan.bmp			
Date	Vendor	Test witness	
14.07.2011	Name	Name	Signature
	GE Energy	Georgi Bozukov	

Test No:5_1	Profile edition No:2	Tool:pslf	Score:4
Test files:			
Import		Export	
ENTSOE_16_BE.zip ENTSO-E_Boundary_Set_28_June_2011_2ndEdition_EU.zip		ENTSO-E_16_BE_PS_14J10h.zip	
Comments/Results/Issues:			
Test performed with BE MAS.			
Solution changes applied:			
<ul style="list-style-type: none"> - Active output of Generator at bus_F51 is increased by 6MW from 90MW to 96MW; - Load at bus_C4 increased by 6MW from 200MW to 206MW. 			
Supplementary files:			
Test5_Solved.bmp T05_1E2_VALIDATION.JPG			
Date	Vendor	Test witness	
14.07.2011	Name GE Energy	Name Georgi Bozukov	Signature
			

Test No:6_1	Profile edition No:2	Tool:pslf	Score:4
Test files:			
Import		Export	
ENTSOE_16_BE_EQ_only.zip Test4.1_2sc_TN_12J13h30.zip ENTSO-E_Boundary_Set_28_June_2011_2ndEdition_EU.zip			
Comments/Results/Issues:			
Performed by using BE test case. Test performed using SV and TP from Test_4 from DMS_Group_EKC			
Supplementary files:			
ImportScreenshot.png Test6_B1_400_Bus Scan.bmp Test6_C4_220_Bus Scan.bmp Test6_F5_10_5_Bus Scan.bmp T06_1E2_VALIDATION.JPG			
Date	Vendor	Test witness	
14.07.2011	Name	Name	Signature
	GE Energy	Georgi Bozukov	
			

Test No:7_1	Profile edition No:2	Tool:pslf	Score:4
Test files:			
Import		Export	
ENTSOE_2_BE_OD_12J09h.zip ENTSO-E_Boundary_Set_28_June_2011_2ndEdition_EU.zip ENTSOE_16_BE_EQ_TP.zip			
Comments/Results/Issues:			
Supplementary files:			
Loadflow_afterchanges.pdf (from Siemens) Test performed using SV from Test_5 from Siemens Test7_51_110 Bus Scan.bmp Test7_B1_400 Bus Scan.bmp			
Date	Vendor	Test witness	
14.07.2011	Name GE Energy	Name Georgi Bozukov	Signature
			

Test No:9_1	Profile edition No:2	Tool:pslf	Score:3
Test files:			
Import		Export	
Comments/Results/Issues:			
<p>Test completed partly. Validation reports are observed but are investigated and will be resolved.</p>			
Supplementary files:			
Test9_E2_validation_report.JPG ExportEPC_Screenshot.png Test9_LoadFlowResults.bmp Test9_Solved.bmp			
Date	Vendor	Test witness	
15.07.2011	Name GE Energy	Signature 	Name Georgi Bozukov
			Signature 

Test No:10_1	Profile edition No:2	Tool:pslf	Score:4
Test files:			
Import		Export	
Comments/Results/Issues:			
Loadflow results compared with the ones produced by DMS Group in Test 9.			
Supplementary files:			
Test10_51_110_Bus Scan.bmp			
Test10_B1_400_Bus Scan.bmp			
Test10_B4_400_Bus Scan.bmp			
Test10_F5_10_5_Bus Scan.bmp			
Test9.1_2sc_TN_13J14h35.jpg			
Test9.1_c_2sc_TN_13J14h35.jpg			
Date	Vendor	Test witness	
15.07.2011	Name	Name	Signature
	GE Energy	Georgi Bozukov	
			

Test No:15_1	Profile edition No:2	Tool:pslf	Score:4
Test files:			
Import		Export	
Test 15.zip			
Comments/Results/Issues:			
Supplementary files:			
Date	Vendor	Test witness	
15.07.2011	Name	Name	Signature
	GE Energy	Georgi Bozukov	

Test No:16_1	Profile edition No:2	Tool:pslf	Score:3
Test files:			
Import		Export	
ENTSO-E_16_Mrg_PS_15J18h.zip			
Comments/Results/Issues:			
Test passed with validation errors. Errors are investigated and will be resolved.			
Supplementary files:			
TEST16_E2_VALIDATION.JPG			
Date	Vendor	Signature	Test witness
15.07.2011	Name	Name	Signature
	GE Energy	Georgi Bozukov	

Test No:17_1	Profile edition No:2	Tool:pslf	Score:3
Test files:			
Import		Export	
Comments/Results/Issues:			
<p>Vref of the generator at bus_BB raised by 5% from 1.1435 to 1.1935.</p> <p>Plots compared with Siemens and DigSILENT compared. But in case of PSLF damping is faster. To be further investigated, maybe is due to internal handling of Dynamic models of PSLF.</p>			
Supplementary files:			
Date	Vendor	Test witness	
15.07.2011	Name	Name	Signature
	GE Energy	Georgi Bozukov	