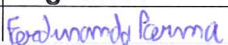



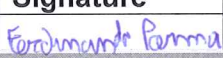
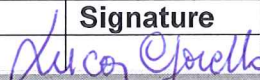
## SINGLE TEST RECORD FORM

<b>Test No: 06_1</b>	<b>Profile edition No: 2</b>	<b>Tool: SICRE v6.33.1</b>	<b>Score: 4</b>
<b>Test files:</b>			
<b>Import:</b>		<b>Export</b>	
ENTSOE_16_NL_EQ.xml ENTSO-E_16_PF_13J09h_NL_SV.xml tennet.eu_NL_TP.xml ENTSO- E_Boundary_Set_28_June_2011_2ndEdition_EU_E Q.xml ENTSO- E_Boundary_Set_28_June_2011_2ndEdition_EU_T P.xml			
<b>Comments/Results/Issues:</b>			
<p>The following topology changes are made:</p> <ul style="list-style-type: none"> <li>Change status of Breaker "Tras49C3" between "SBARRA 0B" and "SBARRA E4" from Close to Open</li> </ul> <p>The comparison of power flow results between the topology obtained by DIG Silent PF in the test 04_1 and the topology obtained in this test is inside engineering tolerance of 5%. You can see the comparison between the electrical quantities in the Amsterdam substation in the supplementary files.</p>			
<b>Supplementary files:</b>			
Test6_1_Active_power.pdf Test6_1_Reactive_power.pdf DIG_Silent_PF_ldfresults_NL.png			
<b>Date</b>	<b>Vendor</b>	<b>Signature</b>	<b>Test witness</b>
14.07.2011	<b>Name</b>	<b>Signature</b>	<b>Name</b>
	Ferdinando Parma	<i>Ferdinando Parma</i>	Luca Gorello
			<i>Luca Gorello</i>

## SINGLE TEST RECORD FORM

<b>Test No:</b> 07_1	<b>Profile edition No:</b> 2	<b>Tool:</b> SICRE v6.33.1	<b>Score:</b> 4
<b>Test files:</b>			
<b>Import:</b>		<b>Export</b>	
ENTSOE_16_NL_EQ.xml ENTSOE_16_NL_TP.xml ENTSO-E_16_PF_13J09h_NL_SV.xml ENTSO- E_Boundary_Set_28_June_2011_2ndEdition_EU_EQ.xml ENTSO- E_Boundary_Set_28_June_2011_2ndEdition_EU_TP.xml			
<b>Comments/Results/Issues:</b>			
<p>SICRE imported the SV file from DIG Silent PF and performed power flow calculation correctly.</p> <p>The differences between initial values of power flow of SV file and the results of power flow calculation are inside the tolerance (5%).</p>			
<b>Supplementary files:</b>			
Test7_1_Active_power.pdf Test7_1_Reactive_power.pdf DIG_Silent_PF_Idfresults_NL.png			
<b>Date</b>	<b>Vendor</b>		<b>Test witness</b>
14.07.2011	<b>Name</b>	<b>Signature</b>	<b>Name</b>
	Ferdinando Parma		Luca Gorello
			

## SINGLE TEST RECORD FORM

<b>Test No:</b> 09_1	<b>Profile edition No:</b> 2	<b>Tool:</b> SICRE v.6.33.1	<b>Score:</b> 2
<b>Test files:</b>			
<b>Import</b>		<b>Export</b>	
ENTSOE_16_BE_EQ.xml ENTSOE_16_BE_SV.xml ENTSOE_16_BE_TP.xml ENTSOE_16_NL_EQ.xml ENTSOE_16_NL_SV.xml ENTSOE_16_NL_TP.xml ENTSO- E_Boundary_Set_28_June_2011_2ndEdition_EU_EQ.xml ENTSO- E_Boundary_Set_28_June_2011_2ndEdition_EU_TP.xml			
<b>Comments/Results/Issues:</b>			
<p>The test has been partially completed.</p> <p>The import and load flow have been executed correctly</p> <p>SICRE can't export CIM files</p>			
<b>Supplementary files:</b>			
Test9_1_active_power_BE.pdf Test9_1_active_power_NL.pdf Test9_1_reactive_power_BE.pdf Test9_1_reactive_power_NL.pdf			
<b>Date</b>	<b>Vendor</b>	<b>Test witness</b>	
14.07.2011	<b>Name</b>	<b>Signature</b>	<b>Name</b> <b>Signature</b>
	Ferdinando Parma		Luca Gorello 

## SINGLE TEST RECORD FORM

<b>Test No:</b> 15_1	<b>Profile edition No:</b> 2	<b>Tool:</b> SICRE v.6.33.1	<b>Score:</b> 3
<b>Test files:</b>			
<b>Import</b>		<b>Export</b>	
ENTSOE_16_Complete.zip			
<b>Comments/Results/Issues:</b>			
<p>SICRE can't import the ".zip" file; it is necessary to unzip the file manually before the import. The import and the power flow has been executed correctly.</p>			
<b>Supplementary files:</b>			
Test15_active_power_BE.pdf Test15_active_power_NL.pdf Test15_reactive_power_BE.pdf Test15_reactive_power_NL.pdf Screenshots_imported_data.doc			
<b>Date</b>	<b>Vendor</b>	<b>Signature</b>	<b>Test witness</b>
15.07.2011	<b>Name</b>	<b>Signature</b>	<b>Name</b> <b>Signature</b>
	Ferdinando Parma	<i>Ferdinando Parma</i>	Luca Gorello <i>Luca Gorello</i>



## SINGLE TEST RECORD FORM

<b>Test No:</b> 17_1	<b>Profile edition No:</b> 2	<b>Tool:</b> SICRE v.6.33.1	<b>Score:</b> 2
<b>Test files:</b>			
<b>Import</b>		<b>Export</b>	
ENTSOE_16_Complete.zip			
<b>Comments/Results/Issues:</b>			
<p>The comparison with the result from DIG Silent PF shows that the trends of electrical power and mechanical power are similar, but the difference between the values of the electrical power plotted by DIG Silent and by SICRE is more than 5%. This difference could be caused by a difference between the models of synchronous machines used in the tools.</p>			
<b>Supplementary files:</b>			
REPORT_SICRE.doc			
DIGSILENT_VrefStepAtG1.wmf			
<b>Date</b>	<b>Vendor</b>		<b>Test witness</b>
15.07.2011	<b>Name</b>	<b>Signature</b>	<b>Name</b>
	Ferdinando Parma	<i>Ferdinando Parma</i>	Luca Gorello
			<i>Luca Gorello</i>