RELEASE NOTE EVENT BASED PQ REPORT V1.1



BLACKBOX EVENT BASED PQ REPORT

BUNCH

cker Severity

Network company shall ensure that PLT Flicker does not exceed 1.0 during 95% of week

Parameter	Channel/Phase	Regulation Max 95%	Measured Max 95%	Result				
PLT	L1	Harmonic Voltagos	0.75	Pass				
PLT	L2	dat narmonic voltages						
PLT	L3	sured as 10 minute average	the individual Harmonic ze values.	Voltages do not exceed following values				

and the second s				Measu	ured of Max (%)	Result		
LART LIFLT			Regulation (Max) %	L1	12	L3	L1	L2	
1259.7		2	2%	0%	0%	0%	Pass	Pass	Pass
1159.7			5%	0%	0%	0%	Pass	Pass	Pass
1059.7			1%	0%	0%	0%	Pass	Pass	Pass
1917	-	5	6%	0%	0%	0%	Pass	Pass	Pass
ABPLT			0.5%	0%	0%	0%	Pass	Pass	Pass
DIBALT			5%	0%	0%	0%	Pass	Pass	Pass
COSPLT			0.5%	0%	0%	0%	Pass	Pass	Pass
8,291,7			1.5%	0%	0%	0%	Pass	Pass	Pass
ASPLT			0.5%	0%	0%	0%	Pass	Pass	Pass
ease.r			3.5%	0%	0%	0%	Pass	Pass	Pass
DASPLT		16.0	0.5%	0%	0%	0%	Pass	Pass	Past
BAPLT	M. A	04 A.	3%	0%	0%	0%	Pass	Pass	Pas
A A THERE	Plat.	MLL	0.5%	0%	0%	0%	Pass	Pass	Pass
ALL AND	. m. A	4.2	0.5%	0%	0%	0%	Pass	Pass	Para
023917		16	0.5%	0%	0%	0%	Pass	Pass	Pars
B.1PLT 16/05	11,06	13/05	2%	0%	0%	0%	Pass	Pass	Para
			0.5%	0%	0%	0%	Pass	Pass	Pas
-	-	19	1.5%	0%	0%	0%	Pass	Pass	Pass
			0.5%	0%	0%	0%	Pass	Pass	Pass
			0.5%	0%	0%	0%	Dace	Dace	Para
			0.5%	0%	0%	0%	Pass	Pass	Pare
			1.5%	0%	0%	0%	Pass	Pass	P
			0.5%	0%	0%	0.8	Pass	Pass	
			0.5%	0%	0%	0%	Pass	Pass	

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Important Notifications



PQSCADA 4.2 & later versions includes a new Report Package. The Event Based PQ Report forms part this Report Package & you may install it after you have installed or upgraded to PQSCADA 4.2 & later versions. All tasks related to report tasks, therefore needs to be reconfigured from anew.

Known Issue

The report does not support daylight savings time.

1 Stop Download Shop

Event Based PQ Report

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Install The Event Based PQ Report
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After you have downloaded the Report Module from Elspec's Website, select the Event Based Report for installation:



Run the "exe" option in the folder:



The Welcome Screen of the installation guide will now open:





Accept the license agreement at "I Agree" & select the button until you confirm the installation:

PQS.EventBasedReport	j谩 PQS.EventBasedReport	×
License Agreement	Confirm Installation	
Please take a moment to read the license agreement now. If you accept the terms below, click "I Agree", then "Next". Otherwise click "Cancel".	The installer is ready to install PQS.EventBasedReport on your computer. Click "Next" to start the installation.	
ELSPEC Ltd.		
Event based report End-User Agreement		
1. Abstract		
This is a license agreement between the end-user (End-User) and Elspec Ltd. (ELSPEC) concerning the usage of Elspec Event based report SOLTWARE (SOLTWARE). The End ware is defined as any ware when		
◯ I Do Not Agree		
Cancel CBack Next>	Cancel < Back	Next >

Do not change any of the default settings unless instructed to do so by Elspec software support

Select the ______ button in order to complete the installation

IMPORTANT! CONFIGURE PQ PARAMETERS IN YOUR PQSCADA

In order for the Report to calculate all the applicable parameters, ensure that you have configured the Node in the PQSCADA accordingly

- As per the PQSCADA Help Wizard "F1" procedure, select Components P Node
 Configuration
 Parameters
- Select the applicable Parameters:
 - (a) Cycle By Cycle: Waveform & Crest Factor

Harmonics - Voltage & Current; Active & Reactive

Power - Fundamental & Harmonics

(b) IEC61000-4-30: Harmonics

Aggregation - 10 minutes & 2 hours:

Node Configuration				×	
General Device	Download Schedule	Parameters	Folders Database		
Cyde by Cyde	IEC61000-4-30		Statistics		
Cycle By Cycle	IEC61000-4-30	Aggregation:	Enable Statistics		
Waveform and Crest Factor	Current	3 seconds	Frequency Cycle	by Cycle	
Frequency	Inter Harmonics	10 minutes + 2 h	ours		
Harmonics:	Phasors and Inter Harmonics Angle				
Voltage + Current	Harmonics				
Active + Reactive	Non-Standard Parameter	75			
Power:	Power:				
Fundamental + Harmonics	Fundamental + Harmonic	s			
Harmonics only	Harmonics only				
Fundamental only	Fundamental only				
			Apply	Cancel	



IMPORTANT! UPDATE THE INVESTIGATOR TO PRODUCE THE REPORT

As the PQReports are installed independently, you will need to configure the Investigator Application in order to produce the reports:

- Run the Investigator in Administration Mode:
 - (a) Right-click on the **Investigator Icon** on your desktop **P**select **Properties PCompatibility Tab**;
 - (b) In the Privilege Level select the option Run this program as an Administrator

🔶 — ОК	→	Apply	b	uttons:				
Clispec Investigate	or		×					
Security	Details	Previous Versio	ons					
If you have problem an earlier version of matches that earlier <u>Help me choose</u>	s with this program and Windows, select the of version. the settings	d it worked correctly compatibility mode t	y on hat					
Run this prov Windows XP (S	Run this program in compatibility mode for: Windows XP (Service Pack 3) *							
Settings Run in 256 colors Run in 640 x 480 screen resolution Disable visual themes								
Disable desk	 Disable desktop composition Disable display scaling on high DPI settings 							
Privilege Level	gram as an administrate	pr						
🕞 Change setti	ngs for all users							
	ОК	Cancel	Apply					

(c) Open the Investigator, select Settings **Polder Polder Polder** Path