



INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

# IT4PQ Project 2th Stakeholder Virtual Workshop

## IEC TC 85 WG20 Report of the Recent Activities

**Liaison report TC 85 WG20**

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# IEC TC 85 WG20

## Equipment for measuring and monitoring of steady state and dynamic quantities in Power Distribution Systems

17.02. 2021	Online meeting	Convenor: Franck Gruffaz
22.04.2021	Online meeting	Convenor: Franck Gruffaz
26-27.10.2021	Online meeting	Convenor: Franck Gruffaz

- **Status of work related to IEC CDD for PMD and PQI**
- **Comments from NC**
- **Review WG20 report for TC8 plenary**
- **Supporting documents**
- **IPG 586.1 Check replies**
- **IPG 586.2 Check /e.g. RVC graphs/**
- **Further work on IEC 61557-12**
- **Review of SBP**

- **IPG CS (Cyber Security)**
- **Report from liaison TC 13**
- **Report from liaison TC38**
- **Report from liaison TC 57**
- **Report from liaison TC 65a/66/77A/TC8x**
- **Status IEC CDD for PMD and PQI**
- **Status and potential work on IEC 61557-12**

- **Future work on IPG NILM**
- **IPG586-1 IEC TR 63191, IEC 60364-8-1**
- **IPG586-2 Verification of PQI during service**
- **Maintenance IEC 62586-1 and EC 62586-2  
(in coordination with IEC 61000-4-30 Ed 4**
- **IPG974.1 data loggers, energy savers,...**
- **Review the Strategic Business Plan**

- **New publications IEC 60688, IEC 62586-2 amd1**
- **Reports of liaisons TC13/38/57/65A/66/77a**
- **Presentation on evolution IEC 61010**
- **Support of IEC 61557/12**
- **IEC CDD Status and steps fo PMD and PQI**
- **Nomination of TC85 officers for 1906 award**

- **IPG 974.1 data loggers, energy servers,..**
- **IPG586.1 Turn TR 63181 into a TS**
- **IPG 586.2 Maintenance IEC 62586.1**
- **IPG 586.3 maintenance IEC 61586.2**
- **IPG NILM future work**
- **IPG CS Cyber security**
- **Presentations from guests**

- **WG Title: „Equipment for measuring and monitoring of steady state and dynamic quantities in Power Distribution Systems”**

## PQ standards:

- **IEC 62586-1 Power quality Instruments(PQI)**
- **IEC 63586-2 Functional tests and uncertainty requirements**





## IEC 62586-1:2017

Power quality measurement in power supply systems -  
Part 1: Power quality instruments (PQI)

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IEC 62586-1

Edition 2.0 2017-05

## INTERNATIONAL STANDARD

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# IEC 62586-1 Power quality Instruments(PQI)

Details

[History](#)

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Date	Publication	Edition	Status
2017-05-23	<a href="#">IEC 62586-1:2017</a>	2.0	Valid

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# IEC 63586-2 Functional tests and uncertainty requirements

## IEC 62586-2:2017+AMD1:2021 CSV Consolidated version

Power quality measurement in power supply systems  
- Part 2: Functional tests and uncertainty requirements

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## IEC 62586-2

Edition 2.1 2021-09  
CONSOLIDATED VERSION

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# IEC 63586-2 Functional tests and uncertainty requirements

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[History](#)

Date	Publication	Edition	Status
2021-09-15	<a href="#">IEC 62586-2:2017/AMD1:2021</a>	2.0	Valid
2018-06-13	<a href="#">IEC 62586-2:2017/COR1:2018</a>	2.0	Valid
2017-03-07	<a href="#">IEC 62586-2:2017</a>	2.0	Valid
2014-11-11	<a href="#">IEC 62586-2:2013/COR1:2014</a>	1.0	Revised
2013-12-12	<a href="#">IEC 62586-2:2013</a>	1.0	Revised