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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

### TECHNICAL COMMITTEE 82: SOLAR PHOTOVOLTAIC ENERGY SYSTEMS

#### Proposal to begin maintenance of TC 82 publications

#### BACKGROUND

The stability date for several documents under the responsibility of WG2, WG3, WG6, WG7 and JWG1 has been fixed for 2021-12-31. During their online meetings in the past 3 months, the Working Groups reviewed these documents and found a need to make changes at this time.

It is therefore proposed to project for document maintenance as follows:

Title	WG	Rationale for change
<b>IEC TS 60904-1-2:2019 ED1</b> Photovoltaic devices - Part 1-2: Measurement of current-voltage characteristics of bifacial photovoltaic (PV) devices	2	Coordination with new edition of IEC 61215 series
<b>IEC 61683:1999 ED1</b> Photovoltaic systems - Power conditioners - Procedure for measuring efficiency	6	New requirements to cover measurements for module level power electronics (MLPE)
<b>IEC 62116:2014 ED2</b> Utility-interconnected photovoltaic inverters - Test procedure of islanding prevention measures	6	New requirements to cover tests for MLPE
<b>IEC TS 62257-9-5:2018 ED4</b> Recommendations for renewable energy and hybrid systems for rural electrification - Part 9-5: Integrated systems - Laboratory evaluation of stand-alone renewable energy products for rural electrification	J1	New requirements to align with -9-8 and match current best practices in industry
<b>IEC TS 62446-3:2017 ED1</b> Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 3: Photovoltaic modules and plants - Outdoor infrared thermography	3	New requirements for using fast carriers for IR-camera (e.g., aerial drones)
<b>IEC 62688:2017 ED1</b> Concentrator photovoltaic (CPV) modules and assemblies - Safety qualification	7	Removal of fire test requirements (covered by local codes)
<b>IEC TS 62804-1:2015 ED1</b> Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation - Part 1: Crystalline silicon	2	Coordination with new edition of IEC 61215 series
<b>IEC 62894:2014 ED1</b> Photovoltaic inverters - Data sheet and name plate	6	Remove name plate from scope (covered by 62109)
<b>IEC 62920:2017 ED1</b> Photovoltaic power generating systems - EMC requirements and test methods for power conversion equipment	6	New requirements to cover DC/DC converters and energy storage systems

**ACTION**

The P-members of TC 82 are requested to provide feedback on the proposal to begin the maintenance, or to suggest any changes that should be considered.

All responses must be sent to the IEC electronic voting / commenting system using the dedicated Word reply form

**by 2021-08-27 at the latest.**

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