

# TECHNICAL REPORT

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**Distributed energy resources connection with the grid -  
Part 100: Generating plants and units grid connection standard mapping**

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**Distributed energy resources connection with the grid -  
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IEC TR 62786-100 has been prepared by IEC technical committee 8: System aspects of electrical energy supply. It is a Technical Report.

The text of this Technical Report is based on the following documents:

Draft	Report on voting
8/1782/DTR	8/1796/RVDTR

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this Technical Report is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

A list of all parts in the IEC 62786 series, published under the general title *Distributed energy resources connection with the grid*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under [webstore.iec.ch](http://webstore.iec.ch) in the data related to the specific document. At this date, the document will be

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## INTRODUCTION

A mapping platform for grid connection is available to the IEC [1]<sup>1</sup>. It can be used not only to model an existing standard collection (typically in the scope of a system committee, or of a technical entity, or on a standard series), but also a portfolio of projects. It can also be published and used as a browsing facility for stakeholders. One very interesting aspect of this mapping tool is that such mapping tool is not tied to IEC standards: any standards contributing to the scope of interest of the map can be added and referred, including hyperlinks to the web location where further details could be found. Such mapping tool can really deliver to public users a holistic view of standardization efforts and existing deliverables of a given technical scope, and as such favour and promote the use of relevant standards in that scope.

SMB already approved the set of Mapping Platform rules and agreed on the principles and concept (SMB/7088A/RV). Implementation, communication to and training for technical and advisory bodies started in September 2020 with webinars and the publication of AC/39/2020 including a user's guide.

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<sup>1</sup> Numbers in square brackets refer to the Bibliography.