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Melbourne

CIVIL & STRUCTURAL ENGINEERS
RESIDENTIAL - INDUSTRIAL - COMMERCIAL - PRODUCT DEVELOPMENT

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CERTIFICATION LETTER

Clenergy PV ez-Rack Solar Roof Certification – TC2, 2.5, 3 – Wind Region A, B, C, D. Internal REF: **00115.** Project REF: **CL-10088-SM-REV-A.**

MW Engineering Melbourne, being Structural Engineers within the meaning of Australian regulations, have calculated the maximum spacings for the PV ez-Rack rail system for the following conditions:

- **Wind Loads to AS 1170.2-2011 AMDT 4-2016**
  - **Wind Terrain Category 2, 2.5 and 3**
  - **Wind average recurrence of 200 years**
  - **Wind Region A, B, C, D**
- **Solar panel length up to 2.1m**
- **Solar panel width up to 1.1m**

Attached are the tables showing the spacings according to Wind Region, roof pitch, and building height.

The values shown on these tables will be valid unless an amendment is issued on any of the following codes:

- **AS/NZS 1170.0- 2002 AMDT 4-2016**	**General Principles**
- **AS/NZS 1170.1- 2002 AMDT 4-2016**	**Imposed Loadings**
- **AS/NZS 1170.2- 2011 AMDT 4-2016**	**Wind Loadings**
- **AS/NZS 1664.1- 1997 AMDT 1:1999**	**Aluminium Code**
- **AS 1684.2- 2010 AMDT 2-2013**	**Residential Timber Code**
- **AS 1720.1- 2010 AMDT 3-2015**	**Timber Code**
- **AS/NZS 4600: 2005**	**Cold Formed Steel Code**
- **AS 4100- 1998**	**Steel Structures**
- **AS/NZS 1252.2-2016**	**Bolting**

Should you have any queries, do not hesitate to contact us.

Best Regards,

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