

July 9, 2020

Unirac, Inc.
1411 Broadway Boulevard NE
Albuquerque, New Mexico 87102
TEL: (505) 242-6411
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Re.: Innova Technologies No.: 119-099-400
Unirac Ground Fixed Tilt (GFT) Design Tool – North Carolina

Attn: Engineering Services

Innova Technologies Inc. has reviewed Unirac's GFT design tool and design methodology. The design tool's methodology is approved and acceptable for the code compliant, ground mount racking structure supporting photovoltaic (PV) modules for residential and commercial uses.

All analysis and information in the GFT design tool's formulas and tables comply with the following:

- 2009 International Building Code, 2012 International Building Code, 2015 International Building Code, & 2018 International Building Code by International Code Council Inc.
- ASCE/SEI 7-05 and ASCE/SEI 7-10 & ASCE/SEI 7-16 Minimum Design Loads and Other Structures, by American Society of Civil Engineers.
- North Carolina Building Code 2018
- 2018 International Residential Code (2018 IRC)
- 2018 North Carolina Residential Code (2018 NCRC)
- 2005 Aluminum Design Manual, 2010 Aluminum Design Manual, 2015 Aluminum Design Manual (ADM), & 2017 Aluminum Design Manual, by the Aluminum Association.

This letter certifies that the structural analysis of the racking members, connections and foundation designs are in compliance with the above codes, and all local amendments.

For more information, see the GFT construction drawings. This analysis does not include specific corrosion requirements.

Best Regards,



Carlos Banchik
President & Principal
Innova Technologies, Inc.



07/10/2020

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