



April 11, 2018

SnapNrack
775 Fiero Lane, Ste. 200
San Luis Obispo, CA 93401
TEL: (877) 732-2860

Attn.: SnapNrack - Engineering Department

Re: Report # 2017-00240-A.06 – SnapNrack Series 100 Solar Photovoltaic Racking System with 6063-T6 Rail
Subject: Engineering Certification for the State of Wisconsin

PZSE, Inc. – Structural Engineers has provided engineering and span tables for the SnapNrack Series 100 Racking System w/ 6063-T6 Rail, as presented in PZSE Report # 2017-00240-A.06, "Engineering Certification and Span Tables for the SnapNrack Series 100 Solar Photovoltaic Racking System with 6063-T6 Rail". All information, data, and analysis therein are based on, and comply with, the following building codes and typical specifications:

- Building Codes:
1. ASCE/SEI 7-05, Minimum Design Loads for Buildings and Other Structures, by American Society of Civil Engineers
 2. 2016 Wisconsin Commercial Building Code, by Wisconsin State Department of Safety & Professional Services
 3. 2016 Wisconsin Uniform Dwelling Code, by Wisconsin State Department of Safety & Professional Services
 4. AC428, Acceptance Criteria for Modular Framing Systems Used to Support Photovoltaic (PV) Panels, November 1, 2012 by ICC-ES
 5. Aluminum Design Manual 2005, by The Aluminum Association, Inc.
 6. ANSI/AF&PA NDS-05, National Design Specification for Wood Construction, by American Forest & Paper Association

Design Criteria:

- Risk Category II
- Seismic Design Category = A - E
- Basic Wind Speed (ultimate) per ASCE 7-05 = 85 mph to 147 mph
- Ground Snow Load = 0 to 120 (psf)

This letter certifies that the loading criteria and design basis for the SnapNrack Series 100 Racking System w/ 6063-T6 Rail Span Tables are in compliance with the above codes.

If you have any questions on the above, do not hesitate to call.

Prepared by:
PZSE, Inc. – Structural Engineers
Roseville, CA

DIGITALLY SIGNED

