



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 Minnesota

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 7-10, Minimum Design Loads for Buildings and Other Structures, by American Society of Civil Engineers
  2. 2015 Minnesota Building Code, by Minnesota Department of Labor & Industry
  3. 2015 Minnesota Residential Code, by Minnesota Department of Labor & Industry
  4. AC428, Acceptance Criteria for Modular Framing Systems Used to Support Photovoltaic (PV) Panels, November 1, 2012 by ICC-ES
  5. Aluminum Design Manual 2010, by The Aluminum Association, Inc.
  6. ANSI/AWC NDS-2012, National Design Specification for Wood Construction, by the American Wood Council

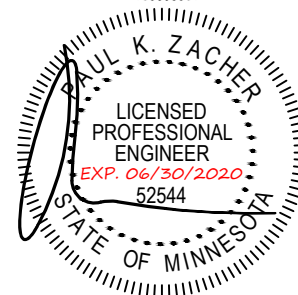
Design Criteria: Risk Category II  
 Seismic Design Category = A - E  
 Basic Wind Speed (ultimate) per ASCE 7-10 = 110 mph to 190 mph  
 Ground Snow Load = 0 to 120 (psf)

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



I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Signature: \_\_\_\_\_  
 Typed or Printed Name: Paul K. Zacher  
 Date: \_\_\_\_\_ License Number: 52544

8150 Sierra College Boulevard, Suite 150, Roseville, CA 95661

T 916.961.3960 F 916.961.3965 W www.pzse.com

Experience | Integrity | Empowerment