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 Tennessee

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. 2012 International Building Code, by International Code Council, Inc.
3. 2012 International Residential Code, by International Code Council, Inc.
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.

DIGITALLY SIGNED
PAUL K. ZACHER
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 118015
STATE OF TENNESSEE

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

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