



May 24, 2018

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

Attn.: SnapNrack - Engineering Department

Re: Report # 2017-00240-B.01 – SnapNrack RL Rail-less System
Subject: Engineering Certification for the State of South Dakota

PZSE, Inc. – Structural Engineers has provided engineering and mount spacing tables for the SnapNrack RL Rail-less System, as presented in PZSE Report # 2017-00240-B.01, "Engineering Certification for the SnapNrack RL Rail-less System". 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 International Building Code, by International Code Council, Inc.
 3. 2015 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. ANSI/AWC NDS-2015, 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 180 mph
Ground Snow Load = 0 to 90 (psf)

This letter certifies that the loading criteria and design basis for the SnapNrack RL Rail-less System Spacing 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

