Letter of Acceptance

From: Wolfgang Fritz, Ph.D., P.E.

Date: 5/10/2020

Re: Engineering Review for the Everest Solar Systems D Dome R^2 rooftop design tool – State of Colorado

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To whom it may concern,

We have thoroughly reviewed the proprietary Base On online calculator for the D Dome R² ballasted racking solution by Everest Solar Systems. Everest Solar Systems' ballast calculations are performed using the result and wind pressure coefficients determined in the Wind Tunnel Test conducted by Wacker Engineering and Peer reviewed by CPP, Inc.; performed in accordance with the requirements set forth in ASCE 7-05 and ASCE 7-10, and meet the conditions of SEAOC PV2-2012, Wind Design for Low-Profile Solar Photovoltaic Arrays on Flat Roofs. Applicable loads are provided on the attached structural drawings and calculations.

These predesigned structures are compliant with the following codes.

1. 2009 International Building Code, By International Code Council, Inc., 2009.
2. 2012 International Building Code, By International Code Council, Inc., 2012.
3. 2015 International Building Code, By International Code Council, Inc., 2014.
4. 2018 International Building Code, By International Code Council, Inc., 2017
5. 2012 North Carolina State Building Code, By International Code Council, Inc., 2011.
6. 2013 California Building Code, by the State of California Building Standards Commission, 2019.
7. 2015 New Jersey Building Code, by the International Code Council, Inc., 2015.
8. 2010 New York State Building Code, by the New York State Department of State, 2010.
9. 2011 Ohio Building Code, by the State of Ohio Board of Building Standards, 2011.
10. 2012 Vermont Fire & Building Safety Code, by the State of Vermont Department of Public Safety, 2012.
11. 2011 Wisconsin Commercial Building Code, by the State of Wisconsin Department of Safety and Professional Services, 2011.
12. ASCE 7-05, by the American Society of Civil Engineers, 2005.
13. ASCE 7-10, by the American Society of Civil Engineers, 2010.
14. Aluminum Design Manual: Specifications and Guidelines for Aluminum Structures, by the Aluminum Association, Washington, D.C., 2005.
15. SEAOC PV2-2012, by the Structural Engineers Association of California, 2012

This acceptance letter excludes connections to the building structures and the effects on building structure components. The review is valid for the State of California and is valid for one year from the date of this letter.

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Wolfgang Fritz, Ph.D., P.E.
Wolf Engineering, LLC