



MODEL ENERGY, PLLC

MODELENERGY.COM

919-274-9905

300 FAYETTEVILLE ST., #1430

RALEIGH, NC 27602

Customer: Tonya Ewers
Installer: Emerald Energy
Subject: PV System Structural Compliance
Date: 8/5/2022

To whom it may concern:

Model Energy, PLLC has reviewed the installation details of the proposed PV system that is to be installed by Emerald Energy at 409 Heathrow Drive, Spring Lake, NC 28390. The conditions of the existing structure have been reviewed and validated by Model Energy, PLLC. The existing roof structure has been designed to support the additional loads of the proposed PV system. In addition, the racking and fastening system shall be capable of securing the system to the structure under design conditions when installed properly and in accordance with the racking and fastening arrangement detailed within the accompanying permit set. The installation design is compliant with current 2018 North Carolina state and national building codes.

Thank you,

Andrew King, PE

