

## EE 446/646 - Assignment

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Consider a PV array that is made up of ten (10) 330 W PV panels – Model # VBHN330SA16. See its electrical specifications in the link below. Assume the array is placed on a rooftop that faces South at a tilt of 22 degrees in Las Vegas, NV.

Use TMY Data to calculate the expected yearly electrical energy produced by the array - make such to take into account the cell temperature coefficients.

<https://www.wholesalesolar.com/cms/panasonic-325-watt-module-96-cell-hit-black-solar-panel-specs-3206694517.pdf>