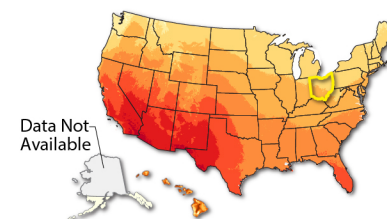
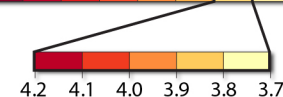


Global Horizontal Solar Resource of Ohio



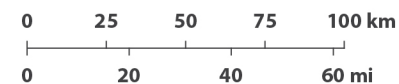
41° Fifty-state Resource Range (kWh/m²/Day)

7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 1.0



Ohio Resource Range

This data provides monthly average and annual average daily total solar resource averaged over surface cells of 0.038 degrees in both latitude and longitude, or, nominally, 4 km in size. The insolation values represent the resource available to horizontal flat plate collectors. The data are created using the PATMOS-X algorithms for cloud identification and properties, the MMAC radiative transfer model for clear sky calculations, and the SASRAB model for cloud sky calculations. The data are averaged from hourly model output over 8 years (2005-2012).



This map was produced by the
National Renewable Energy Laboratory
for the U.S. Department of Energy.
Nicholas Gilroy, April 4, 2017

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Summary: Application Exhibit D electronically filed by Mr. Michael J. Settineri on behalf of Big Plain Solar, LLC