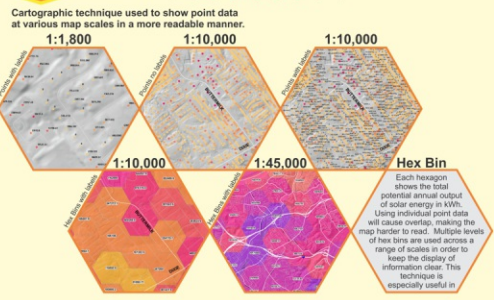


# Solar Potential

## in Kenton County

In recent years, the solar industry has been a rapidly growing market. Rooftop solar PV installations can have positive impacts on the local economy and job market, provide a stable source of energy immune to traditional energy price volatility, increase property values, reduce electricity costs for homes, businesses, and governments, and augment utility energy needs during peak hours. More information can be found at: [linkgis.org](http://linkgis.org)

### Hex Bin



### TOP 5



### Kenton



### Cities



**Solar Data Disclaimer**  
IMPORTANT NOTICE: The OKI Solar Map is no substitute to an on-site assessment performed by a certified professional. The OKI Solar Map is a remote evaluation tool, based on topographical surveys, information modern, and simulation methodologies, and results may be unavailable or inaccurate due to a number of issues. OKI does not guarantee the accuracy of the data or the applicability of the information provided by the OKI Solar Map. See [linkgis.org](http://linkgis.org) for more information.

**direction 2030**  
Your Voice. Your Choice.

**Plan Goals & Objectives**

C Community Identity H Health N Natural Systems  
E Economy HC Healthy Communities  
G Governance M Mobility

**How Does This Topic Apply to Direction 2030?**

**HC** Encourage a variety of housing types throughout the County to meet the needs of all generations and income levels.

**M** Balance the need to maintain existing infrastructure and build new infrastructure while being mindful of cost, economic conditions and return on investment.

**N** Strive to achieve a balance between development and preservation.

**HC** Encourage innovative design on sites with constraints based on the presence of natural systems and incentivize the protection of quality open space.

**G** Encourage cooperative governance.

**G** Continue to encourage the sharing of technical tools and resources effectively reducing the cost of the system.

**Key Quote:**  
"Local communities can play a critical role in reducing these soft costs (of installing solar panels) by streamlining and standardizing the permitting process and by providing accessible information to the public."

— OKI "Go Solar Ready" initiative

**NKYmapLAB**

August 2015 Volume 1: Map 8

**Total Annual Potential Output kWh**  
0.00 - 2.00  
2.01 - 133,523  
133,524 - 252,465  
252,466 - 420,670  
420,671 - 715,949  
715,950 - 1,210,497  
1,210,498 - 1,929,066  
1,929,067 - 3,045,714  
3,045,715 - 6,789,912

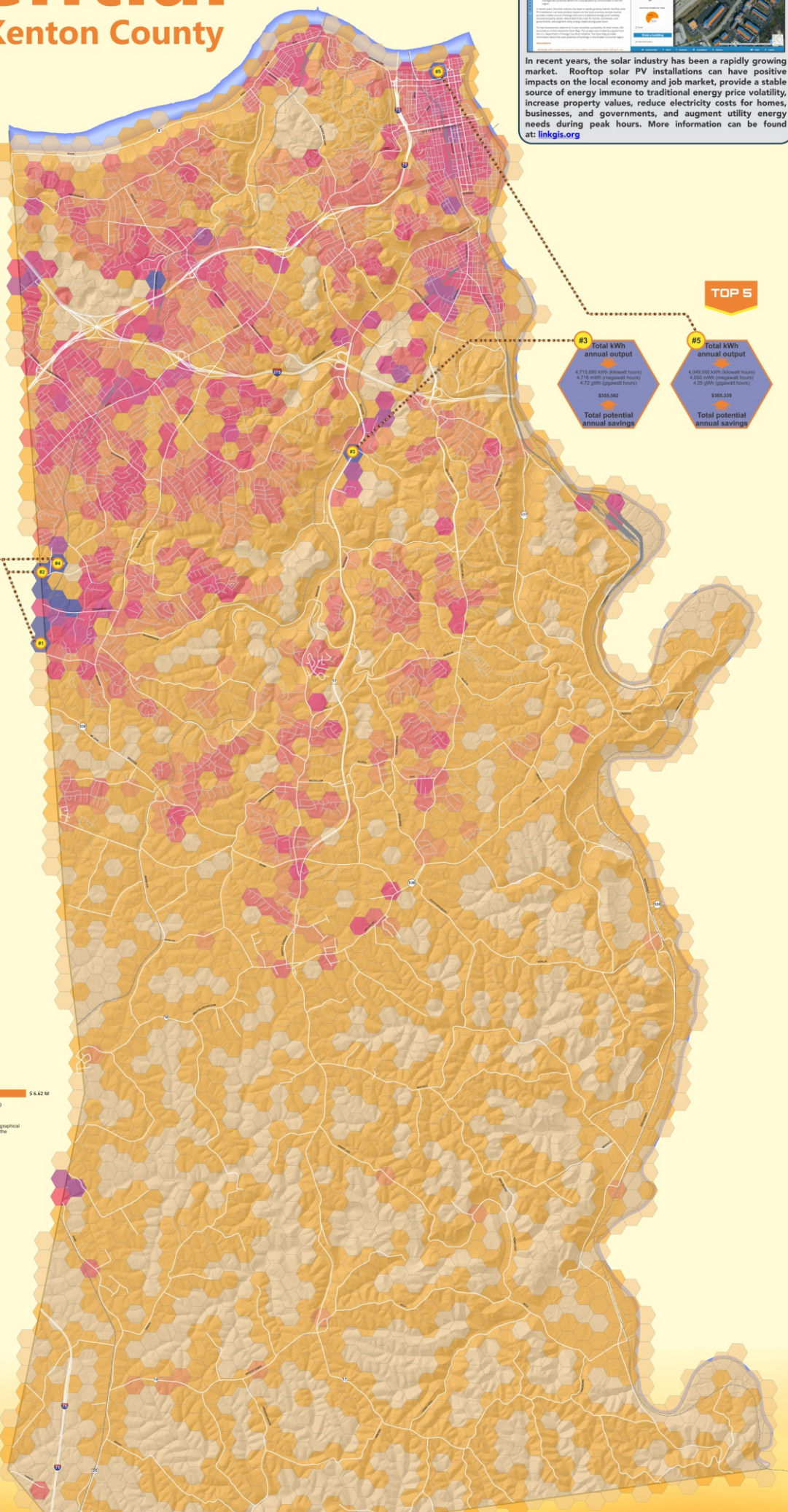
**Solar Assumptions**  
• Buildings less than 230 sq ft, are considered too small for a PV array.  
• Less than 1,146 kWh/m<sup>2</sup> meter/year of solar insolation is considered too shaded for solar.  
• Cost of electricity: averaged across the residential, commercial, & industrial sectors.  
9.16 cents / kWh for Ohio  
7.54 cents / kWh for Kentucky  
8.63 cents / kWh for Indiana  
• System Efficiency: 15% percent efficiency, for standard crystalline Silicon PV modules.  
• Shading based off of LIDAR data.

**Featured Data Sources**  
www.direction2030.org  
www.linkgis.org  
www.oki.org  
www.nrel.gov

**PDS**

Utility companies need to maintain and expand their systems in a way that utilizes their resources in the most efficient and responsible manner.

Direction 2030 Utility Management element



### TOP 5

