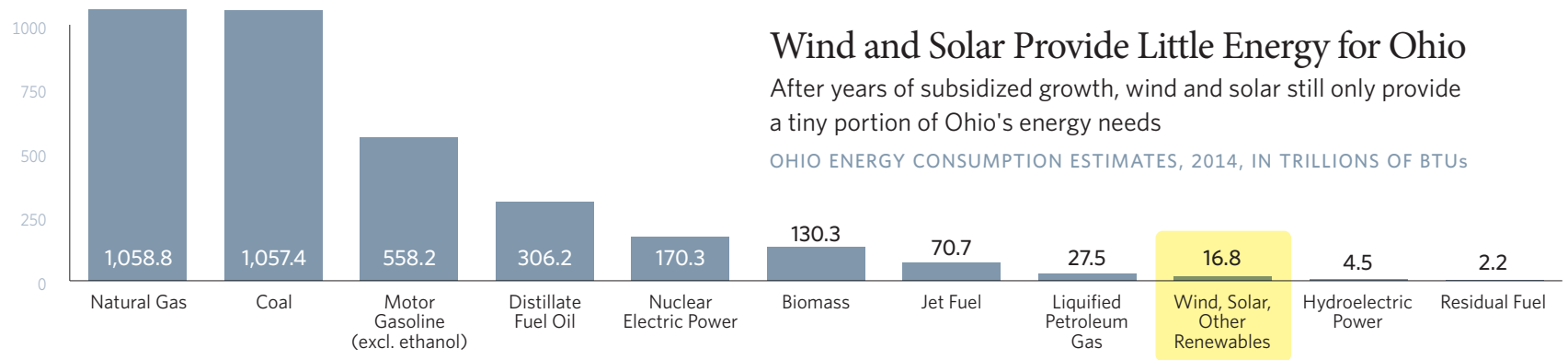
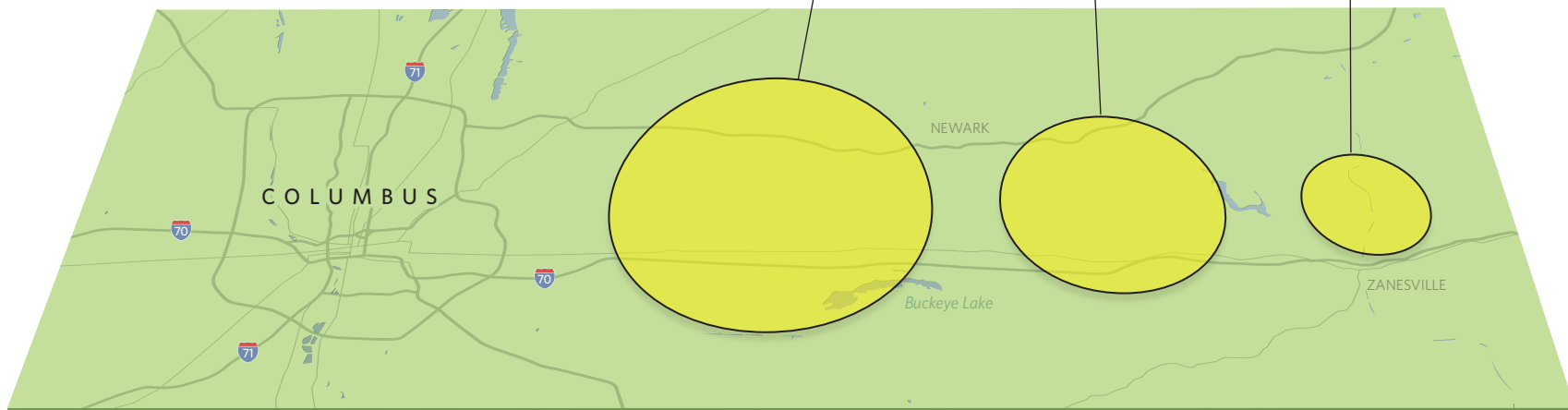
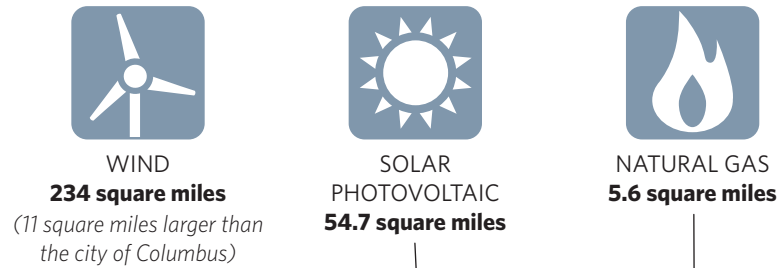


The Realities of Energy Generation

Natural gas power plants make more efficient use of land than do wind or solar plants. Wind power is by far the least efficient—in order to generate 1,000 megawatts of electricity you would need 234 square miles of land, an area larger than the city of Columbus. To generate the same amount of power with natural gas would require only 5.6 square miles. Additionally, natural gas plants can continue to generate power even when the wind stops blowing and the sun stops shining.

LAND USE FOR 1,000-MEGAWATT-EQUIVALENT ELECTRIC POWER PLANTS



Sources: Opportunity Ohio calculations based on data from U.S. Nuclear Regulatory Commission, <https://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1437/v1/TBL8-2.html> (accessed May 19, 2017), and U.S. Energy Information Administration, <https://www.eia.gov/state/> (accessed May 19, 2017).