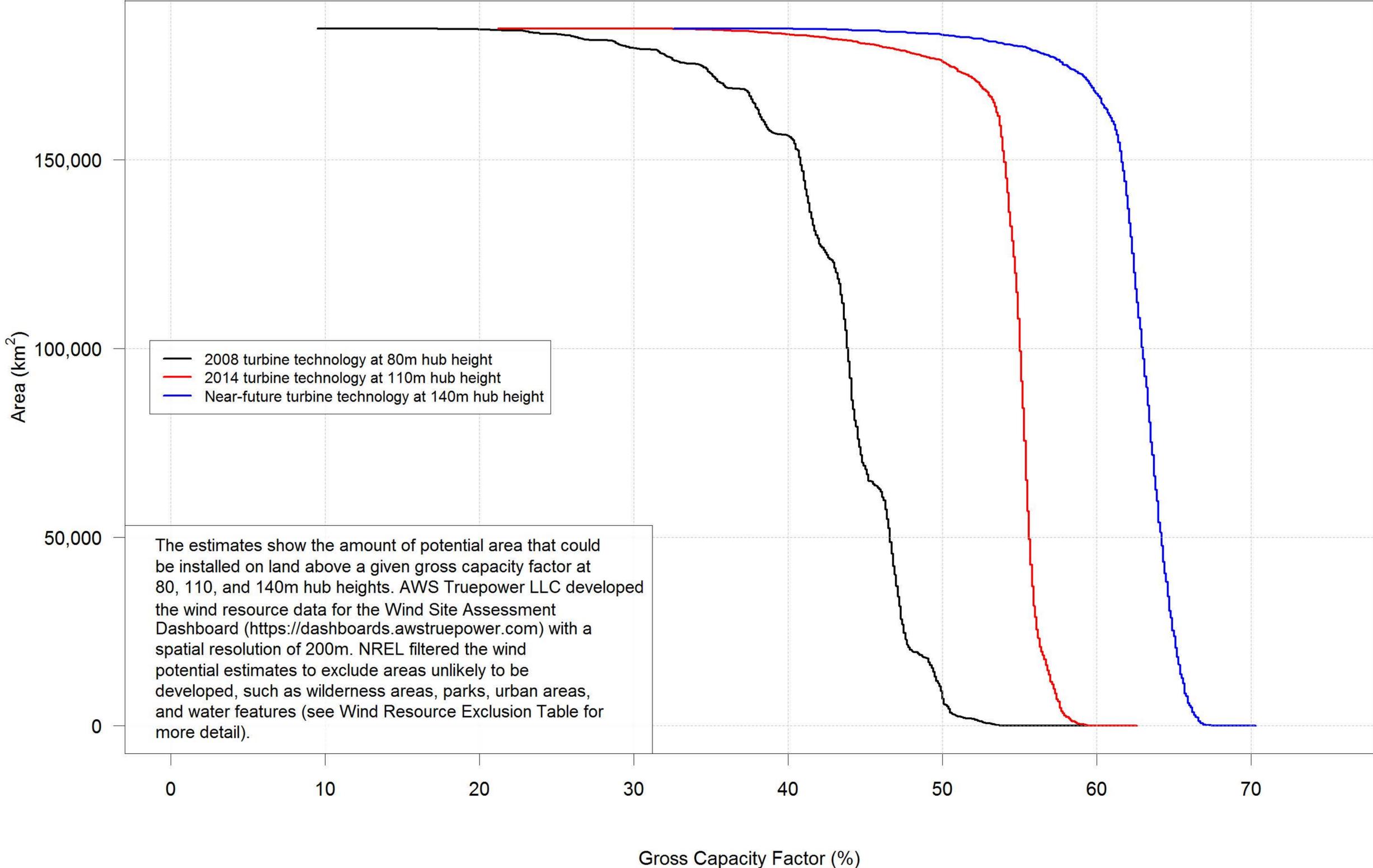


South Dakota - Potential Wind Capacity Cumulative Area vs. Gross Capacity Factor



— 2008 turbine technology at 80m hub height
— 2014 turbine technology at 110m hub height
— Near-future turbine technology at 140m hub height

The estimates show the amount of potential area that could be installed on land above a given gross capacity factor at 80, 110, and 140m hub heights. AWS Truepower LLC developed the wind resource data for the Wind Site Assessment Dashboard (<https://dashboards.awstruepower.com>) with a spatial resolution of 200m. NREL filtered the wind potential estimates to exclude areas unlikely to be developed, such as wilderness areas, parks, urban areas, and water features (see Wind Resource Exclusion Table for more detail).