

Actual Average Annual Capacity Factors, Missouri Wind Farms, 2013 and 2014

| Project | Capacity, MW | 2013 Form 923 production data (Page 1, Generator and Fuel Data) | | | 2014 Form 923 production data (Page 1, Generator and Fuel Data) | | |
|--------------------------------|--------------|--|-----------------|-----------------|--|-----------------|-----------------|
| | | spreadsheet line | MWh total, 2013 | capacity factor | spreadsheet line | MWh total, 2014 | capacity factor |
| Lost Creek | 150 | 6406 | 446,019 | 0.339 | 6595 | 448,888 | 0.342 |
| Farmers City | 146 | 6404 | 332,329 | 0.260 | 6597 | 283,023 | 0.221 |
| Conception | 50.4 | 6397 | 124,668 | 0.282 | 6588 | 127,169 | 0.288 |
| Cow Branch | 50.4 | 6396 | 120,611 | 0.273 | 6587 | 128,913 | 0.292 |
| Bluegrass Ridge | 56.7 | 6399 | 133,752 | 0.269 | 6590 | 132,924 | 0.268 |
| Average capacity factor | | 2013: 0.285 | | | 2014: 0.282 | | |

Mean capacity factor, Missouri wind farms, 2013 and 2014: $(0.285 + 0.282)/2 = 0.2835$

Capacity factor calculation: $(\text{total annual production, MWh})/[(\text{MW capacity})(8,760 \text{ hours per year})] = \text{capacity factor}$

Source of production data, EIA Form 923, 2013 and 2014, Page 1 Generator and Fuel Data:
<http://www.eia.gov/electricity/data/eia923/>