

Potential Energy Resource Composition For Estimating Western UGPR Purchases

Total Potential Resource Mix for IA, MN, ND, NE, SD Excluding ND and SD Hydro

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Coal	75.67%	77.31%	78.10%	76.32%	77.87%	75.92%	74.55%	73.62%	71.61%	72.23%	70.27%	67.55%
Hydro	2.56%	2.15%	1.84%	1.78%	1.61%	1.62%	1.60%	1.45%	1.16%	1.08%	1.27%	1.10%
Gas	1.65%	1.55%	1.60%	1.66%	1.69%	1.69%	3.85%	3.67%	4.95%	3.42%	2.54%	3.52%
Nuclear	18.02%	16.77%	15.96%	17.74%	15.79%	17.80%	16.09%	16.69%	16.88%	15.79%	15.16%	15.75%
Other	0.00%	0.00%	0.19%	0.21%	0.21%	0.19%	0.21%	0.19%	0.20%	0.22%	0.18%	0.18%
Other biomass	0.56%	0.59%	0.42%	0.38%	0.41%	0.30%	0.36%	0.37%	0.47%	0.58%	0.65%	0.62%
Other Gases	0.04%	0.03%	0.04%	0.03%	0.03%	0.04%	0.04%	0.04%	0.05%	0.02%	0.04%	0.05%
Petroleum	0.63%	0.48%	0.56%	0.49%	0.68%	0.61%	0.62%	0.47%	0.51%	0.28%	0.13%	0.15%
Wind	0.54%	0.78%	0.91%	1.15%	1.31%	1.42%	2.28%	3.15%	3.76%	5.97%	9.31%	10.59%
Wood	0.33%	0.34%	0.38%	0.24%	0.41%	0.41%	0.40%	0.36%	0.43%	0.41%	0.46%	0.49%

Data Source -Published EIA Form 906 Data.

Includes Data for IA, MN, ND, NE, SD.

2010 results based on preliminary EIA report data reported year to date through Dec 2010 - includes estimates.

Western does not track the source of firming power purchases - this data is provided to estimate the potential resource pool composition.