APPENDIX 8

Average Energy Costs

Table 22.—Average energy costs by state in 2018. The cost of fuels, measured in U.S. dollars per million British thermal units (\$/MBTU), is a combination of average state costs for natural gas, fuel oil, and wood ([U.S. Energy Information Administration 2019a, b, c, d](#)).

State	Electricity (\$/kWh)	Fuels (\$/MBTU)
Alabama	0.124	15.695
Alaska	0.225	11.396
Arizona	0.132	16.348
Arkansas	0.100	12.069
California	0.199	12.940
Colorado	0.123	7.946
Connecticut	0.216	14.452
Delaware	0.121	13.302
District of Columbia	0.132	12.204
Florida	0.114	22.336
Georgia	0.123	15.374
Hawaii	0.328	45.045
Idaho	0.106	7.925
Illinois	0.126	8.454
Indiana	0.120	9.262
Iowa	0.138	9.251
Kansas	0.116	11.344
Kentucky	0.106	12.038
Louisiana	0.094	13.509
Maine	0.162	15.136
Maryland	0.139	12.173
Massachusetts	0.211	13.800
Michigan	0.161	8.485
Minnesota	0.141	8.775
Mississippi	0.116	10.588
Missouri	0.132	10.629
Montana	0.119	7.894

Appendix 8 in: Nowak, David J. 2020. **Understanding i-Tree: Summary of programs and methods.** General Technical Report NRS-200. Madison, WI: U.S. Department of Agriculture, Forest Service, Northern Research Station. <https://doi.org/10.2737/NRS-GTR-200-Appendix8>

Table 22.—Continued

State	Electricity (\$/kWh)	Fuels (\$/MBTU)
Nebraska	0.113	8.827
Nevada	0.117	9.573
New Hampshire	0.196	15.903
New Jersey	0.156	9.438
New Mexico	0.134	9.552
New York	0.193	12.826
North Carolina	0.112	13.768
North Dakota	0.121	7.459
Ohio	0.126	9.469
Oklahoma	0.107	9.552
Oregon	0.110	11.199
Pennsylvania	0.144	11.810
Puerto Rico	0.280	19.240
Rhode Island	0.186	14.525
South Carolina	0.129	15.095
South Dakota	0.124	8.474
Tennessee	0.108	10.681
Texas	0.114	14.100
Utah	0.106	9.376
Vermont	0.185	13.893
Virginia	0.124	12.090
Washington	0.098	10.650
West Virginia	0.116	9.769
Wisconsin	0.143	8.340
Wyoming	0.123	8.961