

**Table F-12**  
**Missouri Electric Power Sector Price & Expenditure Estimates by Source: 1970-2016**  
**Part I — (expenditures in million nominal dollars)**

	<b>1970</b>	<b>1971</b>	<b>1972</b>	<b>1973</b>	<b>1974</b>	<b>1975</b>	<b>1976</b>	<b>1977</b>	<b>1978</b>	<b>1979</b>
Coal	58.6	71.3	83.0	112.8	140.6	205.4	259.3	341.1	442.2	491.7
Natural Gas <sup>a</sup>	16.6	20.7	21.7	18.1	20.8	15.0	19.1	28.0	30.4	30.4
Total Petroleum	1.1	1.7	2.9	4.3	7.1	13.5	15.8	25.7	38.9	25.2
Residual Fuel Oil	0.5	1.1	1.9	2.1	3.4	4.1	6.5	10.8	14.7	9.1
Distillate Fuel Oil	0.6	0.6	1.0	2.2	3.7	9.3	9.3	14.6	23.1	15.3
Petroleum Coke	—	—	—	(s)	0.1	0.1	—	0.3	1.1	0.8
Nuclear Fuel	—	—	—	—	—	—	—	—	—	—
Wood and Waste <sup>b</sup>	—	—	—	—	—	—	—	—	—	—
Electricity Imports <sup>c</sup>	—	—	—	—	—	—	—	—	—	—
<b>Total Energy<sup>d</sup></b>	<b>76.3</b>	<b>93.8</b>	<b>107.6</b>	<b>135.1</b>	<b>168.6</b>	<b>234.0</b>	<b>294.2</b>	<b>394.9</b>	<b>511.5</b>	<b>547.3</b>
	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>
Coal	586.4	666.5	700.1	786.7	824.8	728.4	690.4	689.2	700.4	691.0
Natural Gas <sup>a</sup>	33.3	20.1	16.5	11.6	9.8	4.8	3.4	4.0	4.5	3.1
Total Petroleum	19.9	13.4	15.2	15.6	8.3	7.2	4.8	5.4	6.7	6.3
Residual Fuel Oil	0.6	0.5	0.6	1.7	0.5	0.4	0.3	0.4	0.4	0.5
Distillate Fuel Oil	18.8	12.9	14.6	13.8	7.8	6.8	4.5	5.0	6.3	5.7
Petroleum Coke	0.4	—	—	0.1	—	(s)	—	—	(s)	0.1
Nuclear Fuel	—	—	—	—	7.8	70.0	61.9	33.9	69.4	62.3
Wood and Waste <sup>b</sup>	—	—	—	—	—	—	—	—	—	—
Electricity Imports <sup>c</sup>	—	—	—	—	—	—	—	—	—	—
<b>Total Energy<sup>d</sup></b>	<b>639.6</b>	<b>700.0</b>	<b>731.8</b>	<b>813.9</b>	<b>850.7</b>	<b>810.4</b>	<b>760.4</b>	<b>732.4</b>	<b>781.0</b>	<b>762.8</b>

This table has been produced by the State & Legal Fiscal Studies Unit, University of Missouri-Columbia

**Table F-12 (continued)**  
**Missouri Electric Power Sector Price & Expenditure Estimates by Source: 1970-2016**  
**Part I — (expenditures in million nominal dollars)**

	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>
Coal	678.0	670.5	655.6	537.5	561.9	554.4	573.6	590.8	609.1	605.8
Natural Gas <sup>a</sup>	6.2	19.2	4.5	11.5	8.3	21.7	13.5	21.2	36.4	52.3
Total Petroleum	6.3	7.2	4.8	12.3	11.0	11.4	6.7	7.3	13.6	15.6
Residual Fuel Oil	0.1	0.4	0.2	0.2	0.3	0.1	0.4	0.4	0.1	(s)
Distillate Fuel Oil	6.2	6.8	4.6	8.6	5.6	6.4	6.3	6.9	13.5	15.6
Petroleum Coke	—	—	—	3.5	5.1	4.9	—	—	—	(s)
Nuclear Fuel	62.3	74.7	48.7	49.2	51.3	41.3	44.2	44.5	43.8	42.6
Wood and Waste <sup>b</sup>	—	—	—	(s)	(s)	0.2	0.2	0.3	0.5	0.3
Electricity Imports <sup>c</sup>	—	—	—	—	—	(s)	—	(s)	(s)	0.1
<b>Total Energy<sup>d</sup></b>	<b>752.7</b>	<b>771.6</b>	<b>713.5</b>	<b>610.5</b>	<b>632.5</b>	<b>629.1</b>	<b>638.1</b>	<b>664.1</b>	<b>703.3</b>	<b>716.7</b>
	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Coal	608.7	659.0	622.7	703.7	718.8	814.2	884.4	1,026.1	1,148.0	1,131.7
Natural Gas <sup>a</sup>	135.7	168.4	99.3	119.6	156.0	268.5	225.1	301.2	334.7	143.1
Total Petroleum	22.3	14.7	9.9	9.7	8.4	17.7	11.7	13.8	17.0	12.2
Residual Fuel Oil	(s)	(s)	(s)	—	—	—	—	—	—	—
Distillate Fuel Oil	22.3	11.0	6.9	9.4	7.5	17.4	11.7	13.8	17.0	11.5
Petroleum Coke	—	3.7	2.9	0.4	0.9	0.3	—	—	(s)	0.6
Nuclear Fuel	42.7	33.2	34.1	41.7	35.3	35.3	44.0	45.9	46.3	63.1
Wood and Waste <sup>b</sup>	0.5	—	(s)	(s)	(s)	—	(s)	(s)	0.6	1.9
Electricity Imports <sup>c</sup>	—	—	(s)	—	—	0.7	0.2	0.1	13.0	27.6
<b>Total Energy<sup>d</sup></b>	<b>809.9</b>	<b>875.3</b>	<b>766.0</b>	<b>874.8</b>	<b>918.5</b>	<b>1,136.4</b>	<b>1,165.4</b>	<b>1,387.0</b>	<b>1,559.8</b>	<b>1,379.5</b>

**Table F-12**  
**Missouri Electric Power Sector Price & Expenditure Estimates by Source: 1970-2016**  
**Part I — (expenditures in million nominal dollars)**

	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Coal	1,229.3	1,394.6	1,375.4	1,480.6	1,505.0	1,278.4	1,164.2
Natural Gas <sup>a</sup>	212.7	191.1	179.5	169.8	190.2	130.3	153.5
Total Petroleum	22.4	18.4	17.7	15.5	22.9	11.7	9.8
Residual Fuel Oil	—	—	—	—	—	—	—
Distillate Fuel Oil	22.3	18.4	17.7	15.5	22.9	11.7	9.8
Petroleum Coke	0.1	—	—	—	—	—	—
Nuclear Fuel	62.9	70.2	102.9	78.7	85.1	96.6	87.6
Wood and Waste <sup>b</sup>	0.9	0.6	0.1	0.9	1.0	1.1	1.1
Electricity Imports <sup>c</sup>	0.2	0.5	0.4	0.1	—	—	—
<b>Total Energy<sup>d</sup></b>	<b>1,528.5</b>	<b>1,675.4</b>	<b>R1,675.9</b>	<b>1,745.6</b>	<b>1,804.2</b>	<b>1,518.1</b>	<b>1,416.2</b>

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**Table F-12 (continued)**  
**Missouri Electric Power Sector Price & Expenditure Estimates by Source: 1970-2016**  
**Part II — (prices in nominal dollars per million BTU)**

	<b>1970</b>	<b>1971</b>	<b>1972</b>	<b>1973</b>	<b>1974</b>	<b>1975</b>	<b>1976</b>	<b>1977</b>	<b>1978</b>	<b>1979</b>
Coal	0.25	0.28	0.29	0.34	0.42	0.54	0.62	0.75	1.01	1.06
Natural Gas <sup>a</sup>	0.26	0.30	0.38	0.34	0.45	0.59	0.77	1.12	1.14	1.53
Total Petroleum	0.62	0.71	0.60	0.97	1.91	2.05	2.03	2.25	2.22	2.87
Residual Fuel Oil	0.55	0.65	0.55	0.77	1.77	1.74	1.72	1.98	1.97	2.41
Distillate Fuel Oil	0.69	0.83	0.70	1.31	2.25	2.26	2.31	2.68	2.67	4.07
Petroleum Coke	—	—	—	0.26	0.33	0.65	—	0.63	0.78	0.67
Nuclear Fuel	—	—	—	—	—	—	—	—	—	—
Wood and Waste <sup>b</sup>	—	—	—	—	—	—	—	—	—	—
Electricity Imports <sup>c</sup>	—	—	—	—	—	—	—	—	—	—
<b>Total Energy<sup>d</sup></b>	<b>0.26</b>	<b>0.29</b>	<b>0.31</b>	<b>0.34</b>	<b>0.44</b>	<b>0.57</b>	<b>0.66</b>	<b>0.81</b>	<b>1.06</b>	<b>1.11</b>
	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>
Coal	1.19	1.35	1.43	1.49	1.50	1.50	1.47	1.41	1.38	1.35
Natural Gas <sup>a</sup>	2.22	2.66	3.64	4.16	3.93	3.31	2.92	2.96	2.77	2.46
Total Petroleum	5.07	7.08	6.79	5.70	5.94	5.60	3.38	3.93	3.35	3.90
Residual Fuel Oil	3.45	4.50	4.36	4.19	4.40	3.99	2.32	2.41	1.83	2.12
Distillate Fuel Oil	6.02	7.25	6.96	6.08	6.09	5.76	3.49	4.14	3.55	4.45
Petroleum Coke	0.67	—	—	1.33	—	1.38	—	—	0.97	0.80
Nuclear Fuel	—	—	—	—	0.78	0.82	0.82	0.52	0.73	0.71
Wood and Waste <sup>b</sup>	—	—	—	—	—	—	—	—	—	—
Electricity Imports <sup>c</sup>	—	—	—	—	—	—	—	—	—	—
<b>Total Energy<sup>d</sup></b>	<b>1.25</b>	<b>1.39</b>	<b>1.48</b>	<b>1.53</b>	<b>1.5</b>	<b>1.41</b>	<b>1.38</b>	<b>1.32</b>	<b>1.29</b>	<b>1.26</b>

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**Table F-12 (continued)**  
**Missouri Electric Power Sector Price & Expenditure Estimates by Source: 1970-2016**  
**Part II — (prices in nominal dollars per million BTU)**

	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>
Coal	1.35	1.34	1.34	1.24	1.10	0.98	0.96	0.93	0.92	0.93
Natural Gas <sup>a</sup>	1.72	1.49	1.87	2.32	1.90	1.68	2.55	2.79	2.23	2.66
Total Petroleum	4.99	4.23	3.92	1.58	1.23	1.35	4.45	4.15	3.27	3.81
Residual Fuel Oil	1.80	1.33	1.45	1.64	1.66	1.64	2.31	2.53	1.79	2.12
Distillate Fuel Oil	5.11	4.78	4.26	4.01	3.75	3.89	4.73	4.31	3.30	3.82
Petroleum Coke	—	—	—	0.64	0.71	0.73	—	—	—	—
Nuclear Fuel	0.74	0.71	0.58	0.56	0.49	0.48	0.47	0.47	0.49	0.47
Wood and Waste <sup>b</sup>	—	—	—	0.52	0.68	0.61	0.65	0.65	0.58	0.52
Electricity Imports <sup>c</sup>	—	—	—	—	—	6.21	—	6.71	7.87	8.69
<b>Total Energy<sup>d</sup></b>	<b>1.27</b>	<b>1.25</b>	<b>1.23</b>	<b>1.14</b>	<b>1.01</b>	<b>0.94</b>	<b>0.91</b>	<b>0.90</b>	<b>0.91</b>	<b>0.93</b>

  

	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Coal										
Natural Gas <sup>a</sup>	0.92	0.96	0.89	0.92	0.92	1.01	1.11	1.33	1.50	1.52
Total Petroleum	4.39	4.67	3.29	5.40	6.21	8.26	6.76	7.17	7.65	4.72
Residual Fuel Oil	6.49	2.00	1.67	5.02	3.88	8.63	14.57	17.13	20.64	9.33
Distillate Fuel Oil	3.56	3.20	2.50	—	—	—	—	—	—	—
Petroleum Coke	6.49	6.06	5.41	6.70	8.38	12.36	14.57	17.13	21.02	12.84
Nuclear Fuel	—	0.67	0.63	0.67	0.68	0.50	—	—	1.46	1.53
Wood and Waste <sup>b</sup>	0.41	0.38	0.39	0.41	0.43	0.42	0.42	0.47	0.47	0.59
Electricity Imports <sup>c</sup>	0.63	—	1.64	1.58	2.94	—	(s)	(s)	1.88	2.48
<b>Total Energy<sup>d</sup></b>	<b>—</b>	<b>—</b>	<b>8.94</b>	<b>—</b>	<b>—</b>	<b>16.53</b>	<b>17.32</b>	<b>18.25</b>	<b>18.28</b>	<b>12.10</b>
	<b>1.01</b>	<b>1.07</b>	<b>0.93</b>	<b>0.98</b>	<b>1.03</b>	<b>1.23</b>	<b>1.24</b>	<b>1.52</b>	<b>1.71</b>	<b>1.56</b>

**Table F-12**  
**Missouri Electric Power Sector Price & Expenditure Estimates by Source: 1970-2016**  
**Part II — (prices in nominal dollars per million BTU)**

	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Coal	1.57	1.72	1.85	1.90	2.0	1.90	1.87
Natural Gas <sup>a</sup>	5.20	4.97	3.46	4.45	5.27	3.27	2.85
Total Petroleum	15.28	22.01	22.83	22.25	20.51	12.88	10.92
Residual Fuel Oil	—	—	—	—	—	—	—
Distillate Fuel Oil	16.39	22.01	22.83	22.25	20.51	12.88	10.92
Petroleum Coke	1.21	—	—	—	—	—	—
Nuclear Fuel	0.67	0.72	0.92	0.90	0.88	0.88	0.89
Wood and Waste <sup>b</sup>	1.41	1.03	0.09	1.20	1.13	1.10	1.16
Electricity Imports <sup>c</sup>	13.31	11.53	9.51	11.49	—	—	—
<b>Total Energy<sup>d</sup></b>	<b>1.67</b>	<b>1.77</b>	<b>1.84</b>	<b>1.92</b>	<b>2.03</b>	<b>1.84</b>	<b>1.82</b>

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**Table F-12 (continued)**  
**Missouri Electric Power Sector Price & Expenditure Estimates by Source: 1970-2016**

<sup>a</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

<sup>b</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

<sup>c</sup> Electricity imported from Canada and Mexico.

<sup>d</sup> There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.

R = Revised data

— = No consumption

(s) = Value less than 0.05 million dollars.

Notes: Expenditure totals may not equal sum of components due to independent rounding.

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**Source:** Department of Energy, Energy Information Administration, State Energy Price and Expenditure Report.